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62.23

Vaughan's 1956 Spring Flowering Bulbs

AUG 27 1956

Vaughan's Seed Co.

Chicago 6
10 W. Randolph St.

New York 7
47 Barclay St.

COVER COLLECTION

48 Top-Size Bulbs of 6 Best Garden Tulips for $4.50

8 bulbs, 12 ctms. or over, of each variety illustrated on this page, separately bagged and labeled, prepaid in the U. S. A.

16 each (96 bulbs) . . $ 8.75
40 each (240 bulbs) 20.00

Top—**ORANGE WONDER.** (Mendel, 30 in.) Early Darwin Hybrid with giant flowers.

2nd—**PRIDE OF ZWANENBURG.** (Darwin, 29 in.) Finest pink of perfect Darwin form.

3rd—**FAUST.** (Darwin, 30 in.) Darkest blue-purple of satiny sheen.

4th—**MRS. SCHEEPERS.** (Cottage, 30 in.) Largest pure chrome-yellow.

Left—**KANSAS.** (Triumph, 16 in.). Of Darwin form, blooms early and lasts long.

At right—**CITY OF HAARLEM.** (Darwin, 27 in.) Finest red in color, form, and size.

Giant Early Tulips

Largest of All and First to Bloom

RED EMPEROR. Earliest of all Tulips, blossoming with the Daffodils and Hyacinths, this variety competes with Holland Glory for size. Its bright scarlet petals reach 6 inches in length and when fully open will cover a dinner plate. Botanists class it as a variety of the species Fosteriana, always the first to bloom, and perhaps ancestors of other long-cultivated forms. A group planted in your garden will bring the first bright red of spring. 12 ctm. and up. **Doz., $1.50; 100 for $10.00; 250 for $23.00.**

HOLLAND'S GLORY. Even larger than Red Emperor is this Darwin hybrid produced by crossing varieties of the Darwin and Fosteriana clans. Days before other Darwins are in bloom it bears huge flowers erect on tall stems. Many assert that this is the largest Tulip ever bred. Its color is flaming orange, most vivid of all reds. It is one of a new race of Darwin hybrids, latest achievement of Dutch Tulip breeders. Even a few flowers of this giant will make your Tulip display outstanding. **Each, 50c; doz., $5.00; 100, $40.00.**

Red Emperor

Holland's Glory

Eros

Peony-Flowered Tulips

EROS. Tall, late double Tulips blossom with the Darwins and are much larger, with longer stems, than the early double class. This variety is a true pink, whose fully double 4-inch flowers are held upright on 20-inch stems. Wherever a group may be planted they will dominate the show. Top size bulbs, 12 ctm. and over. **Doz., $1.60; 100, $11.50; 250, $25.00.**

MT. TACOMA. Even larger than Eros and fully as double, this white Tulip is easily mistaken for a Peony. Its flowers are held upright on strong 23-inch stems, and are open throughout the Darwin Tulip season. **Doz., $1.50; 100, $10.50; 250, $23.00.**

MIXTURE OF DOUBLE LATE TULIPS. Includes many varieties of varying colors, all fully double, with large flowers on tall stems, flowering with the Darwin Tulips. **Doz., $1.50; 100, $10.50; 250, $23.00.**

Decorative Parrot Tulips

New Parrots have the largest flowers of any class, with fringed petals in brilliant coloring.

FANTASY. (24 in.) Sport of Darwin Clara Butt. True pink. **Doz., $1.50; 100, $10.00; 250, $23.00.**

RED CHAMPION. (22 in.) Sport of Darwin Bartigon, with same color. **Doz., $1.80; 100, $11.50; 250, $26.00.**

TEXAS GOLD. (15 in.) Bright yellow. **Doz., $1.60; 100, $11.50; 250, $26.00.**

BLUE PARROT. (26 in.) Bright blue-violet. **Doz., $1.25; 100, $9.50; 250, $22.00.**

Mixture of Parrot Tulips. Doz., $1.50; 100, $10.00; 250, $23.00.

Fantasy

Red Champion

Lovely Early Flowering Group

For an early spring picture these bulbs flower at the same time.

	Doz.	100	250
Hybrid Tulip, Fosteriana	$1.60	$11.50	$25.00
Double Early Tulip, Peach Blossom	1.40	10.00	22.00
Grape Hyacinth, Early Giant	.60	4.00	10.00
Bulb Collection, F.P.G. Doz. of each, 36 bulbs			$3.25

300 bulbs, $24.00; 750 bulbs, $54.00. All prepaid.

Species Tulips

Earliest to Bloom

All are native (wild) forms, characterized by bright colors, recurved petals, early flowering.

EICHLERI. Fine vermilion-orange. **Doz., $1.25; 100 $9.50; 250, $22.00.**

KAUFMANNIANA. The "Water Lily" Tulip. Large creamy white with yellow center, red outside. **Doz., $1.50; 100, $10.00; 250, $23.00.**

SYLVESTRIS (Florentina odorata). Yellow; fragrant. **Doz., $1.50; 100, $10.00; 250, $23.00.**

Early Flowering Tulips with Grape Hyacinths [C]

Hardy Lilies

All Lilies will be shipped in early October as late digging is necessary.

COLLECTION of 12 bulbs, 2 each of the 6 varieties listed below (value $4.20) for $3.50.

COLLECTION of 24 bulbs, 4 each of the 6 varieties for $6.00.

L. REGALE

Of all white Lilies this is the longest lived in gardens, continuing to bloom without lifting the bulbs for many years, in well drained locations. It grows 3 to 4 feet tall and bears long trumpet-shaped flowers, pure white inside with a yellow throat, while the backs of the petals are tinged with pink. The flowers are fragrant. **Large bulbs, 8-9 inch, each 45c; doz., $4.50; 100, $30.00.**

L. RUBRUM SPECIOSUM

Hardiest and showiest of Japanese Lilies, this is also the easiest to grow. In a well-drained location its bulbs live for years, bearing in late summer flowers in clusters, which may reach 6 inches in diameter on stems 4 feet tall. It excels as a cut flower and is much used by florists for corsages. Its petals are of exceptional substance and long lasting. **Large bulbs, 8-9 inch, each 30c; doz., $3.00.**

L. Umbellatum

Thrive in garden borders, multiplying with matted roots, which can be divided like herbaceous perennials. Bloom with the Delphiniums, 2 to 3 feet tall, 4 to 6 flowers in a cluster, in tones of red and orange. **Large bulbs, 7-8 inch, each 40c; doz., $4.00; 100, $35.00.**

L. SUPERBUM

Not illustrated.

The native American Turk's Cap Lily, should be grown in moist, peaty soil, slightly acid, planted deep. Does well on edge of shrubbery border. In late July or August bears 10 to 40 flowers on stems 3 to 8 feet. Naturalizes and lives for years. **Largest bulbs for this variety, 2-3 inch, each 35c; doz., $3.50; 100, $24.50.**

L. TENUIFOLIUM

Coral Lily of Siberia. This grows 20-inch stems along which are suspended coral-red flowers 1½ to 2 inches across, with recurving petals. Grows in groups in the border where it multiplies from dropped seed. **Largest bulbs, 3-4 inch, each 25c; 12 for $2.50; 100, $17.50.**

L. PHILIPPINENSE FORMOSANUM

(Illustrated below)

Slender, white, wide-mouthed trumpet flowers nine inches long and very fragrant are borne on 2 to 3-foot stems by this hardy Lily. The flowers are marked externally with reddish brown. The foliage is grass-like and the plants robust. **5-6 inch, each 35c; doz., $3.50; 100, $24.50.**

Your First Flowers Next Spring

Will Bloom From These Bulbs If You Plant Them This Fall . . .

SNOWDROPS

SCILLAS

CROCUSES

GRAPE HYACINTHS

Your heart will sing when you glimpse from a window a planting of these spring flowers when they burst into bloom long before the earliest wild flowers. They will bring an end to winter's monotony, with proof that spring has arrived. These bulbs will thrive in any garden, endure the coldest weather, and bloom with the first warm days. Plant early, so they can make good roots before the ground freezes.

Beauty which will be priceless then, can be bought for a very little in these Special Offers:

Bulb Collections

1-A—SNOWDROPS Single, will flower when the snows melt.....6 bulbs for 45c
1-B—SCILLAS Siberica, bluer than violets, and blossom earlier.....8 bulbs for 40c
1-C—CROCUSES, blue, white and striped, precede daffodils.....6 bulbs for 40c
1-D—GRAPE HYACINTHS, which flower with the tulips.....12 bulbs for 55c

Bulb Collection 1F—All above 4 offers; prepaid, $1.50

CRIMSON KING MAPLE

EUONYMUS ALATUS COMPACTA

Dwarf Burning Bush 4-6 ft.

A very bushy, compact form of the Winged Euonymus that is especially attractive in the fall when the foliage turns an intense crimson, and the whole bush resembles a ball of fire. Will succeed in shady places. Fine for formal effects, as its compact habit, easy culture, and moderate rate of growth, make it an outstanding shrub for hedging and particularly interesting as an individual specimen. The picture shows the natural habit of the shrub without pruning. 18 to 24 in. $3.00, 3 for $8.25.

Modern Trees for New Homes

CRIMSON KING MAPLE

Acer Plat. Schwedleri Nigra.

(Pat. No. 735). 40 to 60 ft. This magnificent Crimson Maple is the King of ornamental trees and it has created a sensation wherever grown. It is a perfected form of the Schwedler Maple, having foliage of deep maroon-purple all through the summer months. The tips of the branches and new foliage are a lighter shade and glisten beautifully in the sun, giving the impression of a tree in bloom. As this tree is a sell-out each season, no large sizes are available, but planted now, the trees will start branching the first summer and increase in Beauty each year. Very hardy and easy to grow. 7 to 8 ft., whips, $8.50.

EUONYMUS Alatus Compacta

MORAINE LOCUST

MORAINE LOCUST

(Plant Pat. No. 836)

Because of the current alarm caused by Dutch Elm disease, Nurserymen have made great efforts to find or develop a suitable tree to take the place of Elms. After years of testing, Moraine Locust is considered to be the answer. It is a near-perfect shade or street tree, a selected form of the Honeylocust that is thornless and seedless and grows more rapidly, as fast as the soft maple or Chinese elm, but is definitely hard wooded. It thrives in a wide range of soils, and is not at all difficult to transplant, and its shade, while adequate, is not so dense that grass cannot grow under it. We highly recommend it. Branched trees, 5 to 6 ft. $6.00, 6 to 7 ft. $8.00, 7 to 8 ft. $10.00. (1)

4 GREAT Peonies

$4.50

RICHARD CARVEL

Catalogue Value $6.00
Postpaid for $4.50

Of all the new varieties introduced, relatively few survive the test of garden culture and take their place among the acknowledged leaders. The peonies you plant may outlive you, so it is important to choose varieties for permanent planting which have demonstrated lasting merit. The four offered on this page are among the world's best, for display in the garden, or in the flower show. The flowers of each will last for days if cut in the bud stage and allowed to open in the house. Plant as soon as received in full sun, giving three feet in direction from other plants. Do not set the crown, from which the eyes grow, more than two inches below the soil surface.

RICHARD CARVEL (8.8) We cannot praise this variety too highly and we believe it deserves a better rating. It is the earliest good double red to bloom and it is usually ready for Memorial Day. The large, globular flowers are all one shade of very bright crimson and have a delicate fragrance. They are beautiful and lasting, either in the garden or when cut; always dependable, blooming well, year after year. $1.50.

BARONESS SCHROEDER (9.0) One of the finest peonies in existence. Immense flowers of great substance with high chalice-shaped center. Opens a delicate flesh-white, sometimes a soft baby pink, changing to creamy-white. One of our best cut-flower varieties and an excellent keeper. June rose fragrance, late. $1.50.

MONS. JULES ELIE. (9.2) By many considered most beautiful of all Peonies. The flowers are an immense ball of imbricated petals incurved like a chrysanthemum; the color a glistening lilac-pink shading to deeper rose at the base, all overlaid with a sheen of silver. Comes into bloom early and is one of our finest varieties for cutting. Very fragrant. $1.50.

SARAH BERNHARDT. (9.0) One of the largest and most beautiful of all pink Peonies. It is a vigorous grower and a prolific bloomer, carrying its perfectly formed flowers gracefully on tall stems. The color is a deep rose-pink, with lighter edging; center flecked crimson. An extra good cut-flower variety. Late mid-season; fragrant. $1.50.

All orders for Peonies and Iris are prepaid in U.S.A., if your order for these items total $3.00 or more. With orders for less than $3.00, add 35c for postage and handling.

8 IRIS Aristocrats

$3.50

BLUE RHYTHM

Catalogue Value $5.70
Postpaid for $3.50

These are among the finest Irises in cultivation. Each is rated close to perfection and not long ago not one could have been purchased for the price of the collection. Your Iris display is lacking if you have not these varieties; and our low prices make it possible to own them for less than ordinary plants.

BERKELEY GOLD. 38 in. This top ranking yellow iris should sell for more. It is a large deep clear yellow self of fine form and heavy texture. Stands rain, hot weather and does not fade. 60c; 3 for $1.50.

BLUE RHYTHM. 40 in. Extra large flowers of corn-flower-blue with a silvery sheen, on beautifully branched stalks. Head of its class in mid-blues. **Dykes Medal 1950.** (2) 75c; 3 for $2.00.

CHINA MAID. 48 in. Words are inadequate to describe this intriguing blend of pink, golden copper and soft lilac. Besides having a beautiful color, it has large size, fine form and a smooth texture; outstanding. 75c; 3 for $2.00.

GRAND CANYON. 38 in. Delicately ruffled flowers of a rich and colorful blend of plum, copper and gold, like the colors in the Grand Canyon. 60c; 3 for $1.50.

MASTER CHARLES. 38 in. A gorgeous flower of rich, glowing mulberry purple overlaid with a velvety black sheen. Brilliant and distinctive, it gives much life to the garden. 75c; 3 for $2.00.

MINNIE COLQUITT. 36 in. Massive white plicata, slightly ruffled, that has wide, heavy band of wine-purple stitching around both the standards and the falls. It is entirely different from other Iris. 75c, 3 for $2.00.

MULBERRY ROSE. 40 in. Huge flowers of radiant, lovely, mulberry rose with a bronze beard. A new and unusual shade in the deep pink class that stands out from afar in the garden. 75c, 3 for $2.00.

THE RED DOUGLAS. 40 in. **DYKES MEDAL 1941.** Vibrant red-purple of colossal size, gorgeously rich in color, like a piece of fine plush. Grows and blooms well everywhere, and the experts agree that it is one of the finest Irises ever raised. 75c; 3 for $2.00.

Vaughan's Famous...

RAINBOW GARDEN OF GIANT TULIPS

49 Flowering Size Bulbs, seven each of seven named varieties, separately bagged and labeled. Prepaid for-- $3.00

All Bulbs 11-12 Centimeters in Circumference

98 bulbs, 14 each of these seven named varieties, prepaid . . . **$ 5.75**
196 bulbs, 28 each of these seven named varieties, prepaid . . . **11.00**
700 bulbs, 100 each of these seven named varieties, in original bags, prepaid **36.00**

The chief beauty of tulips is not in large size, though they have it; or variety of form, in which few flowers surpass them, but in their exceptional range of colors, including every rainbow hue, beautifully expressed in blends of infinite charm. In this the tulip surpasses all other flowers.

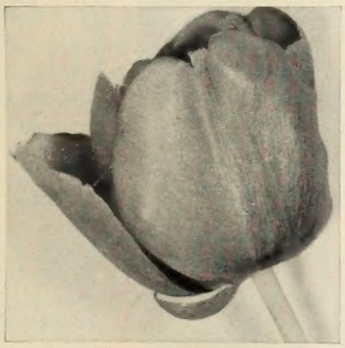
To show tulips at their best this supreme merit should be displayed. No large mass of one variety that can do this, however stunning it may be. Many varieties must be used, carefully chosen so that all colors of the spectrum will be represented.

On this principle the varieties in Vaughan's Rainbow Garden of Tulips collection have been chosen. It will provide you with a start toward a tulip garden which will live for years and can be increased according to your wishes.

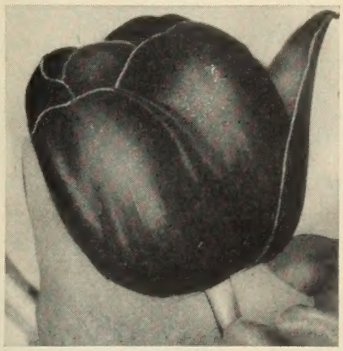
Vaughan's Rainbow Garden of tulips is not a mixture. Though priced at less than a mixture, it is a labelled collection of finest named varieties in a full range of colors. You know in advance the color of the flower each bulb will grow and can plant all for a planned color effect, which will make your tulip display outstanding.

Plant several bulbs of a color in a group, and arrange the groups in harmonious color contrast. Then each group will enhance the beauty of its companions while in turn it acquires new charm. Only with labelled bulbs is such a planting possible since, in a mixture, bulbs cannot be identified, so their arrangement becomes a matter of chance.

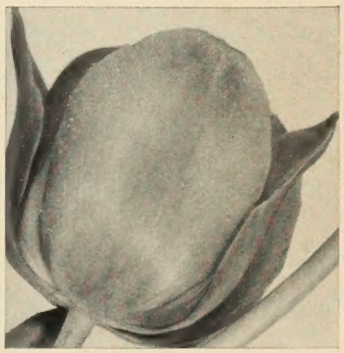
SCARLET AND GOLD
Princess Margaret Rose, Cottage, 25 in.



RED
Farncombe Sanders, Darwin. 25 in.



DARK LAVENDER
Scotch Lassie, Darwain 29 in.



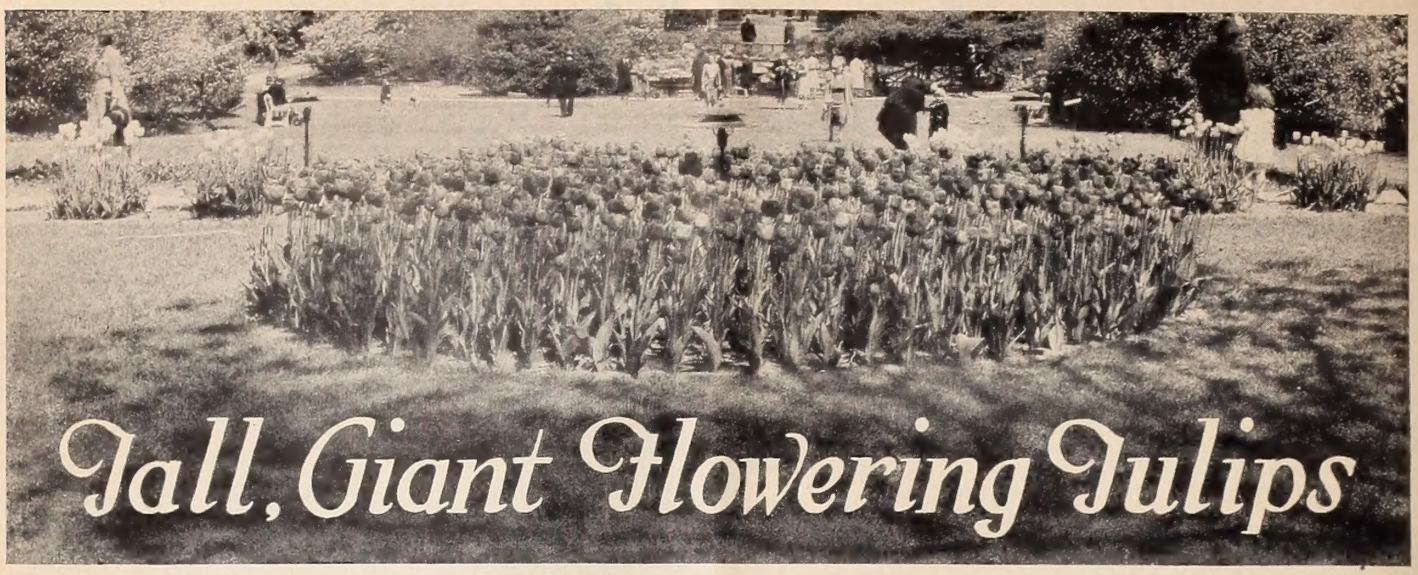
PINK
Princess Elizabeth, Darwin. 26 in.

All bulbs used in Vaughan's Rainbow Garden of Tulips collection are imported from Holland, and measure 11–12 centimeters in circumference. If planted in well drained soil, and cared for according to instructions on Page 26, they should flower each spring for many years.

YELLOW
Golden Harvest. Cottage. 28 in.

RED AND WHITE
Smiling Ann. Cottage. 28 in.

WHITE
Kansas, Darwin Hybrid. 16 in.



Tall, Giant Flowering Tulips

All varieties of the tall, late-flowering giant tulips are likely to be grouped in popular language as "Darwin tulips." They are often sold that way, though among them there are several clans, each having definite family resemblances, of which the Darwin, Darwin hybrids, Cottage and Breeder are most numerous.

All these bloom about the same time, and harmonize perfectly in garden plantings. They can be selected by color, height, and form for use in the garden border without regard to their ancestry. The distinction between these various clans tends to become less definite, as they are interbred by growers seeking improved varieties. We continue to list each tulip clan separately, however, to aid you in identifying favorite varieties, and also to give additional descriptive information. For an interesting planting, varieties of all types should be used.

All Bulbs Listed on this Page are TOP SIZE 12 ctms. up.

Darwin Tulips

Darwin tulips are characterized by a soft overtone which gives their colors a pastel effect. The flowers are cup-shaped and carried on tall, stiff stems. In color range they include all the rainbow hues, in amazing variety. Yellow, which long was missing from the Darwins, is now represented by several fine varieties; and new varieties include splendid giant whites.

Included in the variety lists on this and the following pages are many newly introduced varieties which show improvement in color, height, size or in some other important respect. But we retain the best of the old varieties, many of which may never be surpassed.

Pink and Rose Darwins

AFTERGLOW. (26 in.) All the splendor of a glorious sunset is suggested by this wonderful tulip with its deep orange tints suffused with salmon, and edged apricot orange. Tall, stately grower. Doz., **$1.35**; 100, **$9.00**; 250, **$20.00.**

ARISTOCRAT. (30 in.) This is a magnificent garden Tulip of recent introduction, very tall with very large carmine rose lighter edge flowers, truly an aristocrat among tulips. Doz., **$1.50**; 100, **$10.00**; 250, **$23.00.**

CLARA BUTT. (20 in.) Newer and larger pinks may be found, but Clara Butt remains a favorite. It is a true pink, wholly free from lavender, rare color and a charming flower. Doz., **$1.25**; 100, **$8.50**; 250, **$18.75.**

KING GEORGE V. (28 in.) An immense flower of brilliant rose with a light blue base. The color is dazzling in its brilliance, and this is without doubt one of the finest and most beautifully formed Darwins. Doz., **$1.25**; 100, **$8.50**; 250, **$18.75.**

MR. VAN ZYL. (30 in.) Glorious dark rosy pink with a border somewhat paler. A new Darwin Tulip very much admired in our Trials on account of its striking color, large size, and excellent texture. Doz., **$1.50**; 100, **$11.00**; 250, **$25.00.**

PETER DE HOOGH. (24 in.) A new pink Darwin of unique beauty. Its long petals are soft true pink slightly deeper on the edges; an excellent color for garden display or cut flowers. Doz., **$1.35**; 100, **$9.00**; 250, **$20.00.**

PHILIP SNOWDEN. (25 in.) Delicate rose, very large flower. Doz., **$1.25**; 100, **$8.50**; 250, **$18.75.**

PRINCESS ELIZABETH. (26 in.) (Syn. Julie Vinot.) Large flower; soft rich rose toning to silvery rose at edges. Inside deep rose, white base. One of the largest and finest pinks. Doz., **$1.25**; 100, **$8.50**; 250, **$18.75.**

PRIDE OF ZWANENBURG. (29 in.) Rose-pink, flushed salmon, inside light red, very large flower of strong texture. Doz., **$1.50**; 100, **$10.00**; 250, **$23.00.**
(Illustrated in color on front cover)

PRUNUS. (25 in.) A delightful rose-pink with salmon glow well formed flower on a strong stiff stem. Very fine for bedding or late forcing. Doz., **$1.25**; 100, **$8.50**; 250, **$18.75.**

ROSE COPELAND. (27 in.) A very fine lilac-rose can also be forced. Doz., **$1.25**; 100, **$8.50**; 250, **$18.75.**

VENUS. (32 in.) The large flower is of exquisite rose, with a white center slightly edged light blue. The entire flower bares a beautiful silvery sheen. The stem is always long and strong, making it a grand exhibition variety. Doz., **$1.50**; 100, **$10.00**; 250, **$23.00.**

Red Darwins

ALL BRIGHT. (28 in.) This sport of the favorite variety Bartigon has greater vigor than its parent. It bears a huge globular flower of deep red, with a white base ringed with blue. It has fine substance and is recommended for mass effects. Doz., **$1.35**; 100, **$9.50**; 250, **$21.00.**

DARWIN TULIPS IN THE FORMAL GARDEN

All America Collection. 100 Giant Tulips $10.00

Ten each of the following 10 outstanding varieties, including all tulip colors, postpaid for $10.00. Each variety separately bagged and labeled.

CITY OF HAARLEM. 27 in. Huge cardinal red.
FIRE DANCER. 28 in. Giant red, yellow margin.
CHINESE BANDIT. 26 in. Immense red, orange, bronze blend.
MR. VAN ZYL. 30 in. Large dark rose.
ARISTOCRAT. 30 in. Tall carmine rose.
GIANT. 31 in. Tall blue purple, large flower.
LOUIS XIV. 36 in. Royal purple and gold blend.
MONGOLIA. 32 in. Largest yellow on tall stem.
MRS. SCHEEPERS. 30 in. Enormous flower of clear yellow.
ROYAL GUEST. 29 in. Superb creamy white.

This collection of 100 bulbs, of rich coloring will provide your garden with a display of which any garden would be proud.

Red—Continued

BARTIGON. (22 in.) Large flowers of fiery crimson with bright scarlet margin. One of the best of its color. Doz., **$1.25**; 100, **$8.50**; 250, **$18.75.**

CAMPFIRE. (28 in.) A new variety of blood-red coloring, with exceptional vigor, one of the earliest Darwin varieties in both greenhouse and garden. Doz., **$1.25**; 100, **$8.50**; 250, **$18.75.**

CHARLES NEEDHAM. (28 in.) Large, glowing vermillion-red, extra novelty. Doz., **$1.50**; 100, **$10.00**; 250, **$23.00.**

CITY OF HAARLEM. (27 in.) Considered by many the finest red Darwin. It can always be depended upon to make an excellent show, with its immense cups of cardinal red, shading to scarlet at edges. Doz., **$1.60**; 100, **$11.50**; 250, **$25.50.**
(Illustrated in color on front cover)

DESIREE. (24 in.) A cup-shaped flower of vermilion red with a yellow base, which registers bright color wherever you may plant it in the garden. Doz., **$1.60**; 100, **$11.50**; 250, **$25.50.**

ECLIPSE. (27 in.) Rich, glowing dark red, with a blue base circled by white. A giant tulip of good form on a tall, strong stem, which does not easily snap. Doz., **$1.60**; 100, **$11.50**; 250, **$25.50.**

FARNCOMBE SANDERS. (25 in.) Fiery rose scarlet, inside vivid cerise-scarlet with white center marked blue; flowers perfectly shaped. Doz., **$1.25**; 100, **$8.50**; 250, **$18.75.**

FIRE DANCER (Nestinari). (28 in.) Large flower of bright ox-blood red with yellow margin. Inside of bloom dazzling scarlet, with black base. A brilliant color combination which always attracts attention. Blossoms are oval shaped, strong and wiry. Doz., **$2.10**; 100, **$16.00**; 250, **$37.50.**

6 bulbs may be purchased at half the dozen price, where "each" price is not given.
25 bulbs of one variety at the 100 rate.

GLORIA SWANSON. (32 in.) An enormous crimson-red, with bluish base. Very strong stem, flower has great lasting qualities. This is really a giant in the garden, also an excellent early forcing variety. Doz., **$1.25**; 100, **$8.50**; 250, **$18.75.**

MARGAUX. (30 in.) Tremendous flower, deep wine red, broadly edged with lighter shade blue base, carried on a strong stiff stem. Rich and intriguing. Doz., **$1.60**; 100, **$11.50**; 250, **$25.50.**

PRIDE OF HAARLEM. (28 in.) Vivid rose. An old standby that is deserving of a place in the best gardens. Unsurpassable for fine coloring, reliable performance and enormous flower. Doz., **$1.25**; 100, **$8.50**; 250, **$18.75.**

RED PITT. (24 in.) Bright scarlet form of Wm. Pitt. Excellent for forcing as well as for bedding. Doz., **$1.35**; 100, **$9.50**; 250, **$20.50.**

SCARLET BEAUTY. (28 in.) Beautiful fiery scarlet, one of the best Darwin Tulips for outside planting, possessing a straight, strong stem and a flower that lasts long. Doz., **$1.60**; 100, **$11.50**; 250, **$25.50.**

UTOPIA. (26 in.) Brilliant cherry-red. One of loveliest new Darwin Tulips for forcing. Far better than Wm. Pitt. A good garden variety. Doz., **$1.25**; 100, **$8.50**; 250, **$18.75.**

White and Red Hybrid

OSSI OSWALDA. (28 in.) One of the new hybrids uniting the brilliant color of the Cottage clan with the size and shape of the Darwin. It is pure white, with a picoted edging of bright cherry red. Doz., **$1.35**; 100, **$9.50**; 250, **$20.50.**

Violet, Black and Purple

BLEU AIMABLE. (26 in.) Bright violet-purple, with distinct steel blue shading, inside dark violet-purple, with blue base starred white; a very distinct and handsome tulip of large size and shapely form. Doz., **$1.25**; 100, **$8.50**; 250, **$18.75.**

BLUE EAGLE. (29 in.) **(Black Eagle.)** Extra large cup-shaped flowers of the richest and most intense deep but brilliant purple. Doz., **$1.35**; 100, **$9.00**; 250, **$20.00.**

FAUST. (30 in.) Dark satiny purple with blue base. Very large and well formed, good forcer. Doz., **$1.25**; 100, **$8.50**; 250, **$18.75.**

(Illustrated in color on front cover.)

GIANT. (31 in.) A rich blue purple, shaded violet, whose size justifies its name. It stands tall on strong stems, and will command attention anywhere in the garden. Doz., **$1.50**; 100, **$10.00**; 250, **$23.00.**

INSURPASSABLE. (27 in.) A mammoth lilac of great substance carried on a tall, strong stem. One of the best of this color for the garden or for early February forcing. Doz., **$1.50**; 100, **$10.00**; 250, **$23.00.**

LA TULIPE NOIRE. (25 in.) Nearest of all to the black color. Doz., **$1.25**; 100, **$8.50**; 250, **$18.75.**

QUEEN OF THE NIGHT. (28 in.) One of the darkest Tulips ever introduced. A real Black Tulip of rare beauty. Large flower on tall stiff stem. Doz., **$1.25**; 100, **$8.50**; 250, **$18.75.**

SCOTCH LASSIE. (29 in.) Of purest deep lavender with darker shade inside and dark blue base. Among the best lavenders in our collection. Doz., **$1.25**; 100, **$8.50**; 250, **$18.75.**

THE BISHOP. (29 in.) A magnificent flower of clear, deep violet, with a blue base circled by a white halo. A beautiful garden variety. Doz., **$1.50**; 100, **$10.00**; 250, **$23.00.**

WILLIAM COPELAND. (25 in.) **(Sweet Lavender).** Outside this variety produces flowers of fine rosy lilac, but is at its best when grown indoors during the winter. When forced indoors the flowers are the purest lavender of all tulips. Doz., **$1.25**; 100, **$8.50**; 250, **$18.75.**

DARWIN TULIPS

Vaughan's Special, made up by ourselves from best varieties. Top size, 25 for $2.50; 50 for $4.50; 100 for $9.00; 250 for $20.00.

6 bulbs may be purchased at half the dozen price, where "each" price is not given.

25 bulbs of any one variety at 100 rate.

DELIVERY

Except where specified otherwise, all orders for items listed in this catalogue which total $3.00 and over will be delivered prepaid. With orders for less than $3.00 add 35 cents for postage and handling.

GARDEN ENCYCLOPEDIA, AN ENCYCLOPEDIA OF GARDENING. Complete in one volume. Written by a group of American horticultural experts and edited by E. L. D. Seymour, B.S.A. A single big volume that gives you the scope and contents of a whole shelf full of garden books. More complete, more detailed, more understandable, more usable than any other garden book ever prepared. 1380 pages, 750 illustrations including 250 photographs. New edition **$5.00.** If by parcel post **$5.20.**

A BORDER OF DARWIN AND COTTAGE TULIPS PLANTED TOGETHER

TULIP ZWANENBURG, WHITE DARWIN

White Darwins

GLACIER. (28 in.) A giant white with white base and anthers, oval shaped with substantial petals. Does not open as wide as most Tulips do when placed in warm room. We do not know of another tulip of its size and with same lasting qualities. Doz., **$1.60**; 100, **$11.00**; 250, **$24.50.**

MRS. GRULLEMANS. (26 in.) Lovely flower of creamy-white with ivory white anthers, this will enhance the beauty of its border companions while attracting attention to its purity. Valuable in flower arrangements. Doz., **$1.35**; 100, **$9.00**; 250, **$20.00.**

ROYAL GUEST. (29 in.) A superb creamy-white, shading to almost white as it ages, no base, yellow anthers. The large oval flower has exceptionally lasting qualities. Doz., **$1.80**; 100, **$13.00**; 250, **$30.00.**

ZWANENBURG. (28 in.) Pure white with black anthers. Large flower, highly recommended for both bedding and forcing. Doz., **$1.25**; 100, **$8.50**; 250, **$18.75.**

Yellow Darwins

GOLDEN AGE. (29 in.) Among the many new yellow Darwins of recent introduction, this giant variety is quite the finest. It is a bright golden orange—distinctly a new shade in yellow Tulips—and a fine, strong grower with exquisitely shaped flowers. Doz., **$1.60**; 100, **$11.00**; 250, **$24.50.**

MAMASA. (25 in.) A new introduction to the group of yellow Darwins. The flowers of Darwin form are a uniform butter-cup yellow, deeper than Yellow Giant. Superb in every respect. Doz., **$1.50**; 100, **$10.00**; 250, **$23.00.**

NIPHETOS. (30 in.) Light lemon yellow turning to creamy-white as flower ages; perfect form, well lasting. Doz., **$1.50**; 100, **$10.50**; 250, **$23.00.**

YELLOW GIANT. (29 in.) This was the first yellow of the Darwin clan to be introduced; and the flower has the true Darwin cup-shape. Color golden yellow with black anthers, produced on tall, strong stems. Doz., **$1.25**; 100, **$8.50**; 250, **$18.75.**

Darwin Tulip Collection

100 Darwin Tulips, $8.00.

Ten each of the following representative varieties including all the Darwin colors postpaid for $8.00. Each variety separately bagged and labeled.

ALL BRIGHT. 28 in. Deep salmon orange.
CAMPFIRE. 28 in. Huge early flowering blood red.
KING GEORGE V. 28 in. Immense brilliant rose.
PETER DE HOOGH. 24 in. Large flower of soft true pink.
FAUST. 30 in. Dark satiny purple large and well formed.
QUEEN OF THE NIGHT. 28 in. A real "black tulip" of rare beauty.
YELLOW GIANT. 29 in. First yellow Darwin, cup-shaped golden yellow.
GOLDEN AGE. 29 in. Bright golden orange of giant size.
ZWANENBURG. 28 in. Large pure white of Darwin shape.
MRS. GRULLEMANS. 26 in. Lovely creamy white.

This selection of Darwin colors can be planted alone, or in company with other tall, late flowering tulips which blossom at the same time.

PLANT ALL TYPES OF TALL, LATE TULIPS IN YOUR GARDEN

Colorful Cottage Tulips

All Bulbs Listed on this Page are TOP SIZE 12 ctms. up.

Pink and Rose Cottage

BARBARA PRATT. (32 in.) Rich light carmine, edges lilac-rose. A very beautiful tulip with slightly reflexed petals. Highly recommended. Doz., **$1.50**; 100, **$10.50**; 250, **$23.00.**

DIDO. (26 in.) Superb in form, poised erect on a straight stem, and fragrant. It is a deep, rich pink with salmon lights, suffused and slightly edged orange. Doz., **$1.25**; 100, **$8.50**; 250, **$18.75.**

TULIP DIDO, PINK COTTAGE

MARJORIE BOWEN. (24 in.) A very unusual combination of buff and salmon which passes to deep rose-pink with salmon shading. A charming blend. Doz., $1.25; 100, $8.50; 250, $18.75.

NORTHERN QUEEN. (30 in.) Exceptionally large white flowers edged with pink, conspicuously beautiful in the border. Doz., **$1.50**; 100, **$10.00**; 250, $23.00.

ROSABELLA. (18 in.) This graceful tulip can be compared to the loveliness of a rosebud. Pure pink in color, it possesses great charm both as a cut flower and in the garden. Doz., **$1.50**; 100, **$10.00**; 250, **$23.00.**

SMILING ANN. (28 in.) Above the white base this lovely flower has a wide edging of true pink, a scarce color on the tulip family. It blossoms at the same time with the Darwin tulips. Doz. **$1.50**; 100, $10.00; 250, $23.00.

Most new tulips introduced since the war have been of the Cottage clan. By crossing with other types, their clear, bright colors have been united with giant size, so that the largest of all tulips are found among new Cottage hybrids. We list these new varieties, and older ones which are still unsurpassed, in their color classes.

Cottage tulips should be included in every tulip planting. They harmonize perfectly with Darwin and Breeder varieties, and supply a quality of brilliant color which the others need, to set off their softer tones. Some blossom a little later than the Darwins, carrying the tulip season well into the early days of June.

Red and Orange Cottage

ADVANCE. (28 in.) This is the largest of late tulips, with a strong stem which holds the huge flower upright. It is an orange scarlet, with black center, which grows more vivid in color and larger in size as the flower develops. As an exhibition flower it is not surpassed, and it is outstanding in any garden. Doz., **$1.50**; 100, **$10.50**; 250, **$23.00.**

GRENADIER (20 in.) Magnificent light orange. When the sun shines on a fully expanded flower of this variety the color is dazzling. Flower long, on graceful stem. Doz., **$1.25**; 100, **$8.50**; 250, **$18.75.**

MARSHALL HAIG. (30 in.) Among the new Tulips this ranks supreme as being one of the finest brilliant self-red colors. A flower of magnificent size and texture and much admired on account of its brilliant tone. Doz., **$1.50**; 100, **$10.00**; 250, **$23.00.**

Cottage Tulip Collection

100 Cottage Tulips, $8.00

Ten each of the following representative varieties including all the Cottage colors, postpaid for $8.00. Each variety separately bagged and labeled.

GRENADIER. 20 in. Dazzling light orange.
ADVANCE. 28 in. Huge orange-scarlet.
MARSHALL HAIG. 30 in. Giant flower of brilliant red.
DIDO. 26 in. Fragrant flower of deep pink, edged with orange.
GOLDEN HARVEST. 28 in. One of the largest deep yellows.
MOTHER'S DAY. 25 in. Soft lemon yellow.
MRS. MOON. 26 in. Fragrant flowers of soft yellow, pointed petals.
ALBINO. 22 in. Early flowering white, with rounded petals.
CARRARA. 22 in. Exceptionally large white, rounded petals.
MARJORIE BOWEN. 24 in. Deep rose pink blended with buff and salmon.

This selection of Cottage varieties can be planted alone, or in company with other tall, late flowering tulips which blossom at the same time.

Yellow Cottage

GOLDEN HARVEST. (28 in.) This is one of the largest tulips. It blooms early and its flowers last through a long season, growing in size and beauty. Its color is a deep yellow with petals of great substance, borne on tall, stiff stems. We know of no yellow that equals it. Doz., **$1.25**; 100, **$8.50**; 250, **$18.75.**

GOLDEN MEASURE. (26 in.) A giant golden yellow flower of Darwin shape, one of largest and most beautiful of all yellows. In some respects it excels the yellow Darwins. Doz., **$1.50**; 100, **$10.00**; 250, **$23.00.**

MRS. MOON. (26 in.) This is one of the finest late yellow tulips in existence. The blooms are long and pointed, outer petals reflexed. Distinctly perfumed. Doz., **$1.35**; 100, **$9.50**; 250, **$20.50.**

MONGOLIA. (32 in.) One of the largest of all tulips, and largest of all yellows. Its huge blossoms on tall stems are bright canary yellow, of even coloring Doz., **$1.80**; 100, **$13.00**; 250, **$29.00.**

MOTHER'S DAY (Lemon Queen). (25 in.) The soft pure yellow coloring of this variety is of exactly the tone which harmonizes delightfully with pink and red as well as lavender. Doz., **$1.25**; 100, **$8.50**; 250, **$18.75.**

MRS. JOHN T. SCHEEPERS. (30 in.) Clear chrome-yellow erect, tall stem. Enormous oblong flower. One of the largest of yellow tulips. Doz., **$1.50**; 100, **$10.00**; 250, **$23.00.**

(Illustrated in Color on front cover)

TULIP ADVANCE, LARGEST OF LATE TULIPS

White Cottage

ALBINO. (22 in.) A fine pure white, with large flower, which has rounded petals. It blooms early and lasts long in good condition, and is most effective in border grouping. It is a favorite with florists for early forcing. Doz., **$1.25**; 100, **$8.50**; 250, **$18.75.**

CARRARA. (22 in.) Having rounded rather than pointed petals, this pure white variety is exceptionally large and resembles the Darwin type. It is not as early as Albino, and combines well with all types of tall, late tulips in border plantings Doz., **$1.25**; 100, **$8.50**; 250, **$18.75.**

MOUNT EREBUS (White City). (30 in.) Creamy-white flower, clear base, sulphur anthers. Turning pure white with age. Doz., **$1.50**; 100, **$10.00**; 250, **$23.00.**

COTTAGE TULIPS

VAUGHAN'S SPECIAL MIXTURE, an excellent collection of named varieties, giving a dazzling display in mass. Splendid for cutting. 25, **$2.50**; 50, **$4.50**; 100, **$8.50**; 250, **$18.75.**

25 bulbs of any one variety at the 100 rate.

Rembrant Tulips

AMERICAN FLAG. Dark red with broad white lines and blue base. So named because the three colors resemble the American Flag. A real novelty. Doz., **$1.60**; 100, **$11.50**; 250, **$25.00.**

CORDELL HULL. (24 in.) A sport of the Darwin tulip Bartigon, this has petals of rosy red striped with white. It blossoms with the Darwins, and when planted in the border provides an attractive accent. Doz. **$1.50**; 100, **$10.00**; 250, **$22.00.**

MONTGOMERY. (26 in.) White, red edged flower of Darwin form. Doz., **$1.50**; 100, **$10.00**; 250, **$23.00.**

Species Tulips

The general characteristics of the various species, all of which are natives of Asia Minor and Central Asia, are bright colors, recurved petals and early flowering.

RED EMPEROR (Fosteriana). 11 ctm. are top size (18 in.) Fosteriana is a majestic tulip of great size the dazzling scarlet flowers are borne upon stout stems, 18 inches and even as much as 24 inches high. Vermillion will perhaps best describe their intense and lovely color. It flowers in late April. Doz., **$1.50**; 100, **$10.00**; 250, **$23.00.**

(Illustrated in color on Cover B)

TULIP CLUSIANA (CANDY-STICK)

CLUSIANA. (10 in.) "Lady" or "Candystick" Tulip. Outer petals bright cherry red, inner petals creamy white, with violet base; small flower, but very distinct. It should be planted in light soil 6 or 9 inches deep, in the rock garden or among stones in the front of the herbaceous border. A warm and sheltered situation should be chosen, where it will prove to be a gem among early flowers. Flowering season late April. Height, 8 inches. Doz., **$1.80**; 100, **$13.50**; 250, **$30.00.**

KAUFMANNIANA. (8 in.) Large, attractive creamy white flowers with a yellow center and shaded rosy red on the outside. When fully expanded, resemble a Water Lily. The earliest of all tulips late March or early April. Doz., **$1.50**; 100, **$10.00**; 250, **$23.00.**

6 bulbs may be purchased at half the dozen price, where "each" price is not given.

25 Bulbs of one variety at the 100 rate.

BIRD SEED

RAPE. Large—sweet (not bitter like the small black). 1 lb., 40c; 5 lbs., $1.70; 10 lbs., $3.15; 25 lbs., $6.50.

SUNFLOWER. 1 lb., 45c; 5 lbs., $1.95; 10 lbs., $3.65; 25 lbs., $7.70.

CANARY SEED. 1 lb., 40c; 5 lbs., $1.70; 10 lbs., $3.15; 25 lbs., $6.95.

VAUGHAN'S CANARY MIXTURE. 1 lb., 40c; 5 lbs., $1.70; 10 lbs., $3.15; 25 lbs., $6.95.

FINCH SEED. 1 lb., 35c; 5 lbs., $1.40; 10 lbs., $2.60.

PARAKEET SEED. 1 lb., 40c; 5 lbs., $1.70; 10 lbs, $3.15; 25 lbs., $6.95.

VAUGHAN'S WILD BIRD FEEDING MIXTURE. (As recommended by the Illinois Audubon Society). 1 lb., 30c; 2 lbs., 50c; 5 lbs., $1.00; 10 lbs., $1.80; 25 lbs., $4.10; 100 lbs., $13.00.

All prices prepaid within 300 miles

Darwin, Breeder and Cottage Tulips Give Broader Color Range.

Rich Color Blends in Breeders

All Bulbs Listed on this Page are TOP SIZE 12 ctms. up.

From Breeder tulips, most of the tall, large flowered types have been developed. These were the "mother bulbs" of ancient Dutch breeders, grown not for their own rich beauty, but because among them would appear flowers of the striped and blotched coloring then esteemed so highly.

These stripes and blotches are now known to have been caused by a virus disease; and the Breeder tulips are valued for their own beauty. Among them are some of the tallest and largest varieties of all, and many colors rare among flowers—browns, bronzes, purples, dull gold and dark lilac, exquisitely blended.

ALICE KEITH. (27 in.) Very bright orange-yellow edged golden with small olive green base. Large flower on strong stem, becomes more beautiful as it ages. Doz., **$1.25**; 100, **$8.50**; 250, **$18.75.**

BACCHUS. (28 in.) Though introduced over 300 years ago, it has no superior in clear, richness of color and beauty of form. The color is very similar to the purple of Concord grapes. Doz., **$1.50**; 100, **$10.00**; 250, **$23.00.**

CHERBOURG. (30 in.) Undoubtedly one of the finest Breeder Tulips. A deep tone of golden yellow, with a suffusion of terra cotta. Doz. **$1.50**; 100, **$10.00**; 250, **$23.00.**

CHINESE BANDIT. (26 in.) Immense oval flower of Chinese red blended with warm orange-bronze, a rich and bright color effect. It is said to be the largest of all Breeder tulips, and in the sun it is outstanding in the border. Cut blooms have exceptional lasting quality. Doz., **$2.10**; 100, **$16.50**; 250, **$36.00.**

DILLENBURG. (27 in.) A glorious salmon orange shaded rose. The flowers are large and borne on strong, stiff stems. Highly recommended for exhibition. Doz. **$1.25**; 100, **$8.50**; 250, **$18.75.**

DIXIE SUNSHINE. (28 in.) A great improvement over the variety Cherbourg, with larger blossoms, of brighter coloring and lasting longer in the border. Doz., **$1.90**; 100, **$14.00**; 250, **$32.50.**

DON EUGO. (24 in.) An improvement over Indian Chief. The petals are pointed, of chestnut brown, lighter at the edges, and the flower is much larger. Doz., **$1.60**; 100, **$12.00**; 250, **$27.50.**

DON PEDRO. (27 in.) A beautiful shade of coffee-brown, shaded maroon, inside rich mahogany. It is one of the few fragrant tulips, with a strong but delightful odor that perfumes the garden. Doz., **$1.50**; 100, **$10.00**; 250, **$23.00.**

GEORGE GRAPPE. (32 in.) Flowers of a uniform blue-lavender with faint bronze undertone are among the largest of all, and when fully open reveal a base of sky-blue which adds much to its beauty. Doz., **$1.50**; 100, **$10.00**; 250, **$23.00.**

INDIAN CHIEF. (38 in.) The flower is mahogany red, the petals of heavy texture, the stem straight. A magnificent flower of richest coloring. Doz., **$2.00**; 100, **$15.00**; 250, **$33.00.**

J. J. BOUWMAN. (28 in.) Richly blended coloring, of tomato red overlaid with mahogany, margined with yellow-bronze. Only in the Breeder tulips will such coloring be found. Outstanding in the border. Doz., **$1.50**; 100, **$10.00**; 250, **$22.00.**

LOUIS XIV. (36 in.) Considered by many good judges to be the finest of all tulips. In the garden it is always magnificent, and as a cut flower its rich blend of purple and gold is truly royal. Doz., **$1.50**; 100, **$10.00**; 250, **$23.00.**

MOROCCO BEAUTY. (26 in.) A much improved Don Pedro. Clear Morocco-red, interior dark reddish mahogany, yellowish base, straight stem. Doz., **$2.10**; 100, **$16.00**; 250, **$35.50.**

ORANGE DELIGHT. (28 in.) Golden Bronze flower of even coloring, and glowing brilliance in the border. One of the earliest flowering of the Breeder class. Doz., **$1.60**; 100, **$11.50**; 250, **$25.50.**

PRINCE OF ORANGE. (25 in.) A flower of striking beauty, clear orange scarlet, edged light yellow. Luminous in the border. Doz., **$1.25**; 100, **$8.50**; 250, **$18.75.**

Vaughan's Special Mixture of BREEDER TULIPS

An excellent collection of this popular class of Tulips, including many rare colors. Doz., **$1.50**; per 100, **$10.50**; 250, **$23.00.**

Breeder Tulip Collection

100 Breeder Tulips, $9.00

Ten each of the following representative varieties including all the Breeder colors postpaid for $9.00. Each variety separately bagged and labeled.

J. J. BOUWMAN. 28 in. Tomato red-mahogany blend, outstanding.
DON PEDRO. 27 in. Most fragrant tulip, of coffee color.
BACCHUS. 28 in. Clear blue purple, beautiful form.
LOUIS XIV. 36 in. Magnificent size, height and purple and gold blend.
ALICE KEITH. 27 in. Large, bright orange-yellow.
CHERBOURG. 30 in. Rich blend of yellow and terra-cotta.
DILLENBERG. 27 in. Large salmon-orange, shaded rose.
INDIAN CHIEF. 38 in. Tallest Breeder, large flower of bright mahogany red.
GEORGE GRAPPE. 32 in. Giant blue-lavender with sky-blue base.
PRINCE OF ORANGE. 25 in. Luminous clear orange scarlet, edged light yellow.

This collection of Breeder varieties can be planted alone, or in company with other tall, late flowering tulips which blossom at the same time.

BED OF ORANGE WONDER TULIPS AT LILACEA PARK, LOMBARD, ILL.

LATE DOUBLE PINK TULIP EROS

New Parrot Tulips

Outstanding among the new tulips introduced in recent years are new named varieties of the Parrot type. Their petals are huge, thick fleshed, fringed and the flowers keep well when cut. A group will focus attention of garden visitors

BLUE PARROT. (26 in.) Petals bright purple blue, Parrot of Darwin Blue Aimable, strong stem. Doz., **$1.25**; 100, **$9.50**; 250, **$22.00.**

FANTASY. (24 in.) Sport of Darwin tulip, Clara Butt, it has the same clear pink color. Each petal is over three inches long, and two inches across. Doz., **$1.50**; 100, **$10.00**; 250, **$23.00.**

(Illustrated in color on Cover C)

GADELAN. (22 in.) A beautiful variety of Gigantic and sturdy stem. Color a blending of blues and purples edged white with blue green markings. The inside of the flower is bright violet-purple with white center and contrasting black anthers. Doz., **$2.10**; 100, **$16.50**; 250, **$36.00.**

ORANGE FAVORITE. (20 in.) Glistening deep orange shaded rose inside deep orange-scarlet with yellow base, sweet scented flower of great size and brilliant coloring. Doz., **$1.35**; 100, **$9.50**; 250, **$21.00.**

RED CHAMPION. (22 in.) Parrot of Darwin Bartigon, borne on strong stem, deep red color. Doz., **$1.80**; 100, **$11.50**; 250, **$26.00.**

(Illustrated in color on Cover C)

SUNSHINE. (15 in.) Pure butter yellow. Parrot of Cottage Bouton d'Or. Doz., **$1.60**; 100, **$11.50**; 250, **$26.00.**

THE BLACK PARROT. (24 in.) This purple Black flower is so unique and strange that the demand is tremendous so order immediately to insure delivery. Doz., **$1.70**; 100, **$13.00**; 250, **$29.00.**

MIXTURE OF PARROT TULIPS. Prepared by us to insure well balanced display of colors. Doz., **$1.50**; 100, **$10.00**; 250, **$23.00.**

DELIVERY

Except where specified otherwise, all orders for items listed in this catalogue which total $3.00 and over will be delivered prepaid. With orders for less than $3.00, add 35 cents for postage and handling.

Early Darwin Hybrids

ORANGE WONDER. (30 in.) Though classified botanically as a Mendel tulip, this striking variety has small resemblance to others of its class It is a giant flower of Darwin form on tall stems, and while somewhat earlier holds until other Darwins are in bloom Its large flowers are bright orange blending to crimson, stunning in mass plantings. Doz., **$1.50**; 100, **$10.00**; 250, **$23.00.**

(Illustrated in color on front cover)

HOLLAND'S GLORY. This hybrid bred by crossing the Darwin and Fosteriana clans is even larger than Red Emperor. Days before other Darwins are in bloom it bears huge flowers erect on tall stems. Many assert that this is the largest tulip ever grown. Its color is flaming orange, most vivid of all colors. It is one of a new race of Darwin hybrids, latest achievement of the tulip breeders. Each **50c**; doz., **$5.00**; 100, **$40.00.**

(Illustrated in color on Cover B.)

KANSAS. Pure white, of Darwin shape and size, one of the best tall whites. Lemon yellow center Doz., **$1.25**; 100, **$8.50**; 250, **$18.75.**

(Illustrated in color on front cover

25 bulbs of one variety at 100 rate.

10,000 GARDEN QUESTIONS. F. F. Rockwell, editor. Answered by 15 experts, Real questions from real amateurs, with brief, authoritative answers. Among them you will find the solutions to your problems . . . Helpful diagrams and illustrations supplement the text . . . A quick-action index places all the information at your fingertips. 1467 pages. Hundreds of illustrations. $4.95

New Tall, Doubles

Many new varieties have been developed in the late flowering double tulips. They have much longer stems and larger flowers than the early doubles, and give stunning effects in beds, or as border accents.

COXA. (21 in.) Carmine-red. Vermilion edged very small white border Large flower. Very fine for border planting. Doz., **$1.50**; 100, **$10.00**; 250, **$23.00.**

EROS. (20 in.) The large double flowers are of a deep true pink with silvery high-lights. Its double flowers, borne on tall, strong stems, are compared to peonies by all who see them, but we do not know any peony which has its lovely coloring. A group planted in any garden will arouse admiration. Doz., **$1.60**; 100, **$11.50**; 250, **$25.00.**

(Illustrated in color on Cover B)

LILAC QUEEN. Bright lilac, medium sized strong stem. Very double flower. Doz., **$1.60**; 100, **$11.50**; 250, **$26.00.**

LIVINGSTONE. (20 in.) Large flower of bright cherry-pink, good strong stem, very fine for bedding and lovely when forced in February. Doz., **$1.50**; 100, **$10.00**; 250, **$23.00.**

MOUNT TACOMA. (24 in.) A magnificent giant double white Tulip which reminds one of a peony in full bloom; superb for beds. Doz., **$1.50**; 100 **$10.50**; 250, **$23.00.**

UNCLE TOM. (21 in.) A very beautiful Tulip with large full-double flowers of a uniform deep glossy maroon-red color, really a distinct shade in Tulips Doz., **$1.80**; 100, **$13.50**; 250, **$30.00.**

MIXTURE OF LATE DOUBLE TULIPS. Made by us from named varieties, insuring well balanced selection. Doz., **$1.50**; 100, **$10.50**; 250, **$23.00.**

LATE DOUBLE WHITE TULIP, TACOMA

SINGLE EARLY TULIPS IN A SPECTACULAR BED

DUTCH IRIS

Early Tulips for Front Yards

Front yard flowers are back in fashion, especially for modern homes, with picture windows, set low to the ground level. Here low planting is essential, and what could give greater delight to those who look out the window and the passerby, than a bed or border planting of early tulips, which were bred for exactly such a place? They will bloom two weeks or more before the tall, late varieties and bring the first brilliant red and pink flowers to the garden display

Explanatory. The number following the name of the variety denotes the height in inches, while the (a) and (b) indicate their earliness of bloom—the (a's) flower together and are earliest; the (b's) flower together, but somewhat later.

Early Single

COULEUR CARDINAL. 8a. As its name denotes this variety possesses the brilliant red coloring called Cardinal. Immense blooms of good cup form open later. Doz., **$1.80**; 100, **$13.00**; 250, **$29.00.**

GENERAL DE WET. 10a. Beautiful deep orange, shaded golden yellow at the base of the petals. A very fragrant flower and one of the finest varieties in cultivation. There is no other orange variety which equals it in brilliancy. It is therefore one of the showiest bedders, and as it forces splendidly we can recommend it for all purposes. Doz., **$1.50**; 100, **$10.00**; 250, **$23.00.**

IBIS. 8a. Splendid deep Rose. Large flower. Doz., **$1.35**; 100, **$9.50**; 250, **$21.00.**

KEIZERSKROON. 10b. This is one of the oldest, as it is assuredly, one of the best early varieties. The huge flower is bright red, nearly scarlet, edged with yellow, the margin is broad and clearly defined, the flower is seen and recognized from afar. It is a strong grower. Doz., **$1.60**; 100, **$11.50**; 250, **$25.50.**

PINK BEAUTY. 12b. Bright rose-pink shading to blush-white. Doz., **$1.70**; 100, **$13.00**; 250, **$29.00.**

RISING SUN. 8a. The brilliance of its namesake is seen in the golden beauty of this magnificent tulip. Large, of good form, and sturdy growth, it is an ideal tulip for bedding and border. Doz., **$1.50**; 100, **$10.00**; 250, **$23.00.**

SUNBURST. 12a. Yellow, flushed with red. A beautiful tulip for bedding or forcing. Doz., **$1.50**; 100, **$10.50**; 250, **$23.00.**

URSA MINOR. Golden yellow. Doz., **$1.35**; 100, **$9.00**; 250, **$20.00.**

WHITE HAWK. 8a. Pure white. Doz., **$1.35**; 100, **$9.50**; 250, **$21.00.**

MIXTURE OF EARLY SINGLE TULIPS. Including well balanced selection of named varieties which will bloom together, at the same height. Doz., **$1.35**; 100, **$9.00**; 250, **$20.00.**

Early Double

COURONNE D'OR (Crown of Gold). 10a. Beautiful rich, golden yellow, flushed orange. Doz., **$1.50**; 100, **$10.00**; 250, **$23.00.**

ELECTRA. 8b. Magnificent, enormous flower; beautiful rose, feathered violet; a handsome novelty, unexcelled for exhibition purposes. Doz., **$1.50**; 100, **$10.00**; 250, **$23.00.**

ORANGE NASSAU. 10b. Bright orange-scarlet with a margin of orange. Outer petals shaded cherry-red. Doz., **$1.60**; 100, **$11.50**; 250, **$25.50.**

PEACH BLOSSOM. 8a. Deep rosy pink, deepening with age to a deep rose. A very fine flower with a wonderful color. A new variety of superb quality. Doz., **$1.40**; 100, **$10.00**; 250, **$22.00.**

6 bulbs may be purchased at half the dozen price, where "each" price is not given.

25 bulbs of any one variety at 100 rate.

PLANTING OF MR. VAN DER HOEF EARLY DOUBLE

Early Double—Continued

MR. VAN DER HOEF. 12a. Yellow sport of Murillo with all its superb qualities. One of the very finest of the primrose-yellow. Doz., **$1.50**; 100, **$10.00**; 250, **$23.00.**

SCHOONOORD (White Murillo). 12b. Pure white. Extra fine. Doz., **$1.50**; 100, **$10.00**; 250, **$23.00.**

EL TOREADOR. 8a. Reddish orange and yellow. Doz., **$1.50**; 100, **$10.50**; 250, **$23.00.**

TRIUMPHATOR. 9b. Magnificent bright pink, an improvement upon "Peach Blossom". It is more double, the color is much softer, and the form better. Doz., **$1.50**; 100, **$10.00**; 250, **$23.00.**

VUURBAAK. 9b. Bright scarlet, suffused orange. Doz., **$1.50**; 100, **$10.50**; 250, **$23.00.**

MIXTURE OF EARLY DOUBLE TULIPS. Prepared by us from named varieties of all colors, which will bloom at the same time, and grow to the same height. Doz., **$1.35**; 100, **$9.50**; 250, **$21.00.**

THE NEW GREENHOUSE GARDENING FOR EVERYONE. By Ernest Chabot. It's amazingly easy to garden under glass when you are guided, step-by-step, by this expert's clear advice. He tells and shows you all about Location, Construction, Heating, Ventilating, Automatic Watering, Pest Control, etc. Tells how to start vegetables and seedlings ahead of the season; grow orchids, roses, snapdragons, mums, and hundreds of other plants. Sixty illustrations! 252 pages. **$4.75.** If by parcel post **$4.95.**

Bulbous Garden Iris

Admirers of the iris will find this group to be valuable additions to their collections. Flowering in late June and early July, they follow the bearded and Siberian irises, prolonging the display and producing flowers of a distinct type and quality of coloring. The colors are clear and brilliant, and the petals are delicate, but of excellent substance. They make quality cut flowers, lasting fully a week in water

Bulbs should be dug each year after foliage has turned brown. They should be cured quickly in a dry location, and only the largest bulbs should be replanted for flowering.

Iris Reticulata

Fragrant Iris—Hardy with Protection

RETICULATA. The fragrant blossoms remind one of a bunch of fresh violets. Perfectly hardy with reasonable protection. It is one of the lovliest early flowering bulbs for the rockery. To show it off well, plant a number of bulbs under the white Arabis Alpina. Each, **15c**; doz., **$1.20**; 100, **$8.00.**

Dutch Iris (Bulbous)

For Outdoor Planting Only

(Require some protection in Northern States.)

All Top Size 8 ctm

BLUE TRIUMPHATOR. Clear Blue. Doz., **80c**; 100, **$6.00**; 250, **$13.50.**

GOLDEN HARVEST. Deep Golden Yellow. Doz., **75c**; 100, **$5.75**; 250, **$13.00.**

H. C. VAN VLIET. Dark Blue. Doz., **70c**; 100, **$5.50**; 250, **$12.50.**

IMPERATOR. Late Deep Blue. Doz., **85c**; 100, **$6.25**; 250, **$14.00.**

WHITE SUPERIOR. Pure White. Doz., **70c**; 100, **$5.00**; 250, **$11.50.**

MIXED. Blended. Doz., **70c**; 100, **$5.00**; 250, **$11.50.**

Iris Tingitana Wedgewood

For indoor use and protected plantings. The amateur should plant his bulbs, six or eight according to size, in a seven- or eight-inch pot. They must be kept cool, 45 degrees or so, until the buds are out of the neck. A great cut flower. Light blue in color. 8-9 ctms. for outdoor planting. Doz., **50c**; 100, **$3.50**; 1,000, **$30.00.** 10 ctms. up for indoor growing, doz., **$1.50**; 100, **$10.00**; 1,000, **$90.00.**

DELIVERY

Except where specified otherwise, all orders for items listed in this catalogue which total $3.00 and over will be delivered prepaid. With orders for less than $3.00 add 35 cents for postage and handling.

Daffodils, First Major Flowers of Spring

GIANT TRUMPET BEERSHEBA

Incomparabilis

This class includes many of the most beautiful and useful Daffodils for bedding, naturalizing and border planting. Strong growers, hardy and free bloomers. Forced for winter flowers, they are splendid

CARLTON. A fine clear yellow self-color of great size. Flat overlapping perianth and large expanded crown frilled at brim, a magnificent plant of great vigor. Each, **20c**; doz., **$2.00**; 100, **$14.00.**

CARBINEER. A fine variety of perfect form, with flat perianth of yellow and large cup of bright orange. Double Nose. No. 1 bulbs, each **25c**; doz., **$2.25**; 100, **$16.00.**

(Illustrated in Color on cover F)

DICK WELLBAND. One of the finest of recent introductions. Very strong grower and exceptionally free flowering. The perianth is pure white and the cup a brilliant flame-orange. One of its most remarkable qualities is that the color does not fade but rather intensifies with age. The flower has unusual lasting qualities. Each, **25c**; doz., **$2.20**; 100, **$15.00.**

FORTUNE. Broad creamy yellow perianth of very solid texture, crown of great size and elegant form, opening at mouth and beautifully frilled, of a glowing soft orange. A Giant Incomparabilis of perfect form, early, a strong grower. Each, **25c**; doz , **$2.40**; 100, **$17.00.**

FRANCISCA DRAKE. It is impossible to describe adequately the beauty of this unusual flower of a distinct new type; the pure white perianth petals are of unusual substance, an inch and a half wide, and tinted gold at the base, which shows through on the outside; the cup, wide and deep, is golden yellow at the base, changing gradually to flame-orange at the densely frilled edge. Each, **20c**; doz., **$1.85**; 100, **$13.00.**

(Illustrated in color on cover F)

JOHN EVELYN. Deservedly an international favorite; outstanding among the new Incomparabilis hybrids; flatly opening perianth, 4 to 5 inches across, with a flat cup nearly 2 inches in diameter, densely frilled, the perianth being pure white, without trace of shading, and the cup lemon yellow and fluted or shirred to the base. Each, **20c**; doz., **$1.80**; 100, **$12.50.**

SCARLET ELEGANS. Fiery orange cup against a perianth of deep yellow makes this variety outstanding in the border. Each, **20c**; doz., **$2.00**; 100, **$15.00.**

(Illustrated in color on cover F)

6 bulbs may be purchased at half the dozen rate, where "each" price is not given.

Giant Trumpets

AEROLITE. A golden giant with flowers beautifully proportioned, perianth deep primrose, with a pure medium yellow trumpet left in bold relief by outer petals, an inch and a half wide; medium early, but one of the longest lasting of all. Each, **25c**; doz., **$2.20**; 100, **$15.00.**

BEERSHEBA. Finest all white. Large, perfectly flat perianth, trumpet long and beautifully flanged at mouth. A flower of great size, measuring nearly five inches across; a vigorous grower and a grand exhibition variety. Each, **30c**; doz., **$2.75**; 100, **$20.00.**

KING ALFRED. "The King of Yellow Daffodils." Tall, vigorous, golden yellow flower, of elegant form. The expanded trumpet measures 2½ inches in diameter, the perianth proportionally large and segments gracefully twisted. Height, 24 inches. Double Nose Bulbs. Each, **20c**; doz., **$2.00**; 100, **$15.00.** First size Bulbs, Each, **20c**; doz., **$1.75**; 100, **$12.00.**

(Illustrated in color on cover F)

Buy King Alfred Bulbs by Pound

5 lbs., $2.10; 10 lbs., $3.00.

These are field run, American grown bulbs, best in the world, of mixed sizes, ungraded. You make big saving by buying in bulk. Wonderful for drifts and masses in shade.

GOLDEN HARVEST. Undoubtedly one of the largest trumpet varieties in existence. The perianth is well formed and overlapping; the trumpet is of good shape and proportion, rolled back at the brim. The color is deep golden-yellow. Each, **25c**; doz., **$2.30**; 100, **$16.00.**

MOUNT HOOD. Broad, flat, overlapping perianth and large at mouth widely expanded trumpet. The color is almost pure white throughout. A variety you should have in your collection. Each, **40c**; doz., **$4.00**; 100, **$30.00.**

MRS. E. H. KRELAGE. Known as the White King Alfred. Charming and exquisite new variety. Perianth of purest white. Trumpet creamy yellow changing to white. Each, **25c**; doz , **$2.25**; 100, **$16.00.**

(Illustrated in color on cover F)

Double Varieties

DAPHNE. Large, rose-like, pure white, sweet-scented double flowers; good forcer and an excellent garden daffodil. Each, **20c**; doz., **$1.80**; 100, **$12.50.**

INDIAN CHIEF. Very large and very double, bright yellow interspersed with orange; the petals curled and twisted. Each, **25c**; doz., **$2.20**; 100, **$15.00.**

INGLESCOMBE. A fully double flower of symmetrical form, uniformly pale yellow. Medium early. Double Nose No. 1 bulbs each, **25c**; doz., **$2.25**; 100, **$16.00.**

MARY COPELAND. One of the famous varieties of the new semi-double type, cream-white with a golden ray down the center. Each, **35c**; doz., **$3.50**; 100, **$25.00.**

TWINK. It is double, of the semi-full type, the petals alternating a soft primrose and clear orange, free-flowering. Each, **20c**; doz., **$2.00**; 100, **$14.00.**

DOUBLE DAFFODIL TWINK

DIANA KASNER (Barrii)

Vividly Colored Barrii

Thanks to the brilliant contrast effects due to color in the cup, the Barrii type is contributing many improved varieties to the daffodil list and it is here that further progress may be expected

DIANA KASNER. A pure white perianth and a large fluted yellow cup with blood-red frill, very free-flowering and an excellent forcer. We consider this variety as one of the most valuable introductions and cannot recommend it too highly for show purposes. Each, **20c**; doz., **$2.00**; 100, **$14.00.**

FIRE TAIL. The blood red cup is in vivid contrast to the creamy white perianth, making this an outstanding flower in the border. Each, **20c**; doz., **$1.80**; 100, **$12.50.**

Attractive Leedsii

TUNIS. A large, tall, robust-growing Leedsi of most distinct character and great lasting substance, broad waved white perianth and large bold ivory crown with handsome flanged and serrated brim. Each, **25c**; doz., **$2.40**; 100, **$17.00.**

PROPAGATION OF PLANTS. By Kains and McQuesten. A complete guide for professional and amateur growers of plants by seeds, layers, grafting and budding, with chapters on nursery and greenhouse management

In direct, simple language it discusses all phases of the subject, explains technical and scientific terms and tells clearly the how and why of all processes 639 pages. **$5.00.** If by parcel post **$5.20:**

NARCISSUS GERANIUM (POETAZ)

Cluster Flowered Poetaz

Crossing of Poeticus and Polyanthus varieties produced this perfectly hardy strain of bunch-flowering Narcissus. Do well planted in pots for winter flowers

CHEERFULNESS. The double Elvira, a very pleasing double white Poetaz, good stems, a fine garden and show flower. Each, **15c**; doz., **$1.50**; 100, **$10.00.**

EARLY PERFECTION. Flower of medium size, perianth white, yellow cup. Each, **25c**; doz., **$2.40**; 100, **$17.00.**

GERANIUM. Pure white perianth with deep red cup. One of the best of all Poetaz and highly recommended. Each **20c**; doz., **$1.75**; 100, **$12.00.**

Graceful Jonquils

Jonquils are graceful, sweet-scented flowers which thrive well in a moist, shady position in borders. Flowers are arranged on the stem in a cluster

JONQUILLA SIMPLEX. The true single sweet jonquil, of light elegant growth, bearing out of doors in May clusters of numerous small rich yellow flowers of delicious scent. Each, **15c**; doz., **$1.15**; 100, **$7.00.**

JONQUILLA FLORE-PLENO. The old double sweet jonquil, produces in May little heads of rich yellow double flowers, very fragrant and attractive for cutting Each, **20c**; doz., **$1.50**; 100, **$11.00.**

GOLDEN SCEPTRE. A medium-sized perfectly built flower of deep Jonquil yellow, 3 inches or more in diameter. The whole flower, as with the others in this class, is of the greatest substance, keeping in perfect condition exceptionally long both in the garden and when cut. Each, **15c**; doz., **$1.50**; 100, **$10.00.**

Daffodils are the first of the major garden flowers to blossom in the spring. This makes them doubly precious, as heralds of a season of joy, after the long winter.

The daffodil tribe likes a cool root run and its flowers are at their best in the cooler days of spring. Therefore it is essential to dig the soil deeply and provide humus. Like the tulip, the daffodil will not thrive if there is fresh manure in the soil and commercial plant food should be used when the bulb is planted. It likes a moist soil but it must have excellent drainage. The plant food should be mixed in the soil below the bulb and if the soil is heavy, a cushion of sand is advisable.

Daffodils are particularly fine subjects to plant under the edge of bushes or among perennials in the hardy border as they seem to like to nestle among the roots of their neighbors.

Spring Herald Mixture of Daffodils, 12 for $1.00

25 Bulbs, $2; 100 Bulbs, $7.50; 1000 Bulbs, $65.00, all Prepaid.

Daffodils bloom before any other major flower. Plant where you can see them from a window and they are visible to passersby, to herald the joyous news of spring's arrival. Our mixture contains many of the best named Trumpet, Leedsi, Barri, and Poeticus varieties. Do not disturb the bulbs until they begin to crowd, when they can be lifted and replanted over a larger area.

TOP-SIZE DAFFODIL MIXTURE (Similar to above but larger Bulbs).
12 Bulbs, $1.50; 100 Bulbs, $9.50; 1000 Bulbs, $85.00, all Prepaid.

PINK DAFFODIL (Mrs. R. O. Backhouse).

The "Pink Daffodil"

MRS. R. O. BACKHOUSE. Perianth of ivory white, and long trumpet of apricot pink, changing to shell pink at the deeply fringed edge; exceptional substance; long lasting. Grow in greenhouse or plant in partial shade to bring out the pink color. Each, **35c**; doz., **$3.50**; 100, **$25.00.**

SIAM. In the opinion of experts this is the best of the "pink daffodils," vigorous in growth and free flowering. Its trumpet is wide and flaring, of soft apricot flushed with pink, which deepens as the blossom matures. The perianth is pure white, and of good substance. Each, **40c**; doz., **$4.25**; 100, **$30.00.**

(Illustrated in color on Cover G)

Miniature Daffodils

The following are charming little subjects for rock work, where their dainty flowers are seen to perfection. When in bud water freely.

MOONSHINE. A beautiful Triandrus hybrid, star-shaped creamy white flower, often 3 to a stem, drooping gracefully. Each, **35c**; doz., **$3.20**; 100, **$22.00.**

THALIA. Two or three lovely pure white flowers per stem, 2 inches or more across, making a beautiful cluster. Very suitable for the rock-garden or for forcing. Each, **30c**; doz., **$3.00**; 100, **$20.00.**

Narcissus Poeticus

Poeticus Narcissi

The pure white perianth and all-red or picoteed cup, and delicious perfume, make this one of the most popular of all Narcissi

ACTEA. Large Poeticus pure white perianth with scarlet edged eye. Each, **20c**; doz., **$1.80**; 100, **$12.50.**

POETICUS (Common Pheasant's Eye). The Narcissus for garden planting; pure white with scarlet-edged cup or eye. Fine for naturalizing, being hardy and increases readily in numbers; late. Each, **20c**; doz., **$1.75**; 100, **$12.00.**

DELIVERY

Except where specified otherwise, all orders for items listed in this catalogue which total $3.00 and over will be delivered prepaid. With orders for less than $3.00 add 35 cents for postage and handling.

Hardy Lilies

For Fall Planting

See also Cover D.

Lilies are hardy, thrifty flowers, capable of surviving conditions which would overcome flowers much less beautiful. Grow them in the border in small groups, with background, where their beauty has a suitable setting for its display. They blossom, as a rule, in midsummer, when fine flowers are at a premium. With each order a leaflet giving instructions for growing them in the garden will be sent. They should be planted on receipt to enable the bulbs to begin root growth this fall.

EASTER LILIES—SEMI-HARDY

CROFT LILY. Widely used by florists for Easter flowering, this Oregon hybrid bears large pure white trumpets on sturdy stems 12 to 14 inches tall. It is suited for outdoor planting on the Pacific Coast, in southern states and elsewhere if given good winter protection. Blooms July-August. 7-8 inch bulbs. Each, **40c**; dozen, **$4.00**; 100, **$30.00.**
To grow indoors for Easter we offer treated bulbs for November shipment. 8-9 inches. Each, **80c**; dozen, **$8.00**; 100, **$60.00.**

ESTATE LILY. Similar to the Croft lily, but with taller stems, this variety is more likely to survive in cold winters, if well protected. Bloom July-August. 8-9 inch. Each, **55c**; dozen, **$5.50**; 100, **$40.00.**

LILIUM PHILLIPINENSE FORMOSANUM—Ready in October

A graceful Lily with grassy foliage, and long trumpet flowers of purest white, marked externally with reddish brown. The plants grow to 3 feet, or more, are very robust, and fragrant. 5-6 and up, Each, **35c**; doz., **$3.50**; 100, **$24.50.**

(Illustrated in color on Cover D)

LILY OF THE VALLEY—Ready in October

Lily of the Valley is one of the best ground covers for shady places in the home grounds. It spreads rapidly, crowding out weeds, and the fragrant blossoms come early in the spring in great abundance.
Clumps. Each, **60c**; three for **$1.50**; doz., **$5.50.**

LILIUM SPECIOSUM RUBRUM (Magnificum)—Ready in October

The typical form is white, flushed pink, and heavily spotted with carmine. The stem is 3 to 4 feet high and has lance-shaped leaves. The flowers face downward and roll back their petals, while the stamens and pistil project. A very beautiful lily, perfectly hardy, very seldom diseased, and a late Aug. and early Sept. bloomer.
8-9 inch. Each, **30c**; doz., **$3.00.** 9-11 inch. Each, **55c**; doz., **$5.50.**

(Illustrated in color on Cover D)

LILIUM REGALE—Ready in October

The large, trumpet flowers are white, with backs of petals tinged pink. It is a strong grower, attaining three or four feet. The flowers possess a delightful fragrance. The bulb usually presents a dried, shriveled appearance.

First Size, 6-7 in. in circumference. Each, **25c**; doz., **$2.50**; 100, **$18.00.**
Select Size, 7-8 in. in circumference. Each, **35c**; doz., **$3.50**; 100, **$20.00.**
Mammoth Size, 8-9 in. in circumference. Each, **45c**; doz., **$4.50**; 100, **$30.00.**
Jumbo Size, 9-10 in. in circumference. Each, **55c**; doz., **$5.50**; 100, **$40.00.**
Extra Jumbo, 10-11 in. Each, **65c**; dozen, **$6.50**; 100, **$45.00.**

(Illustrated in color on Cover D)

LILIUM Regale

LILIUM Tenuifolium

LILIUM Rubrum

ESTATE LILY

LILIUM SUPERBUM—Ready in September

(American Turk's Cap, Swamp Lily)—The most showy of native North American species, this splendid lily produces from ten to forty flowers of brilliant orange-scarlet, in late July and August. This lily requires an acid soil. Height, 3-8 feet. Each, **35c**; dozen, **$3.50**; 100, **$24.50.**

LILIUM TENUIFOLIUM—Ready in October

The lovely Coral Lily of Siberia. Grows 20 inches high, with finely cut foliage, slender stems and beautifully shaded coral-red flowers. Blooms very early.
3 inch and up. Each, **25c**; doz., **$2.50**; 100, **$17.50.**

(Illustrated in color on Cover D)

LILIUM UMBELLATUM—Ready in October

This group of lilies is of hybrid origin, and thrives in American garden borders, multiplying and enduring. They are early flowering, blooming during the first part of June. Usually attaining the height of two to three feet, they carry four to six flowers of cup-shape
Mixed. Each, **40c**; dozen, **$4.00**; 100, **$35.00.**

(Illustrated in color on Cover D)

Grow Amaryllis Lily Flowers for Xmas

Illustrated in Color on Cover G

Giant Flowers of Famous Imported Holland Strain

GIANT AMARYLLIS. IMPORTED HOLLAND STRAIN.

These huge bulbs are not grown from seed, but from bulblets of superior plants, and exactly reproduce their parents. Only a limited number are available. They are treated to speed up flowering and will bloom in January. Bulbs may be flowered for years. We regard these amaryllis to be one of the outstanding horticultural achievements since war ended.

Prepared Bulbs for January Flowering. Delivered about Nov. 15. Orange, Red, Scarlet, Dark Red, Salmon Striped or White, as you select. Each, **$4.50.**

Regular Bulbs, flower in February-March, delivery about Dec. 15, your selection of Orange, Red, Scarlet, Dark Red, Salmon Striped, or White. Each **$3.00.**

American Grown Bulbs

Our strain of giant flowered amaryllis is rich in brilliant red, and lovely white flowers, with many in which the white ground is vividly marked with contrasting tones of red, pink and salmon

Place only one bulb in each pot, covering it as far as the neck or upper narrow part. Water sparingly at first until the flower shoots begin to appear. Some growers keep them in the dark until the flower stems are four or five inches long, and then bring to light

After flowering they should be placed in a warm window, or set outside in sand or cinders and watered every day, until the end of August when water should be gradually withheld and the bulbs allowed to go to rest. In the fall they can be forced again

MIXED. Including many color blends.	Each	Doz.	1.00
2¼-2½ in. Dia.	$0.35	$3.50	$25.00
2½-2¾ in. Dia.	.50	5.00	35.00
2¾-3 in. Dia	.60	6.00	40.00
3 -3¼ in. and up Dia.	.85	8.50	60.00

Bulbs You Can Flower Indoors

Lily of the Valley Grown in Sphagnum Moss

Lilies of the Valley

Ready to Ship November and December

We can again offer imported lily of the valley pips prepared for forcing into flower in bowls. These beautiful, fragrant flowers may be brought to flower in 18 to 21 days, if pips from cold storage are used. They are easily forced in a bowl, if planted in sphagnum moss and kept well watered. Do not order more than you intend to use at once as the cold storage pips will not keep. Plant about 25 pips in a 7-inch bowl, place in 65 degrees Fahrenheit and shade from light until leaves and spikes are well developed, then admit light gradually. Increase temperature to 75 degrees or 80 degrees if possible.

COLD STORAGE PIPS. 12 for **$3.50;** 25 for **$6.00,** postpaid.

S-1807 SPHAGNUM MOSS, sufficient for 25 pips, **15c,** postpaid.

Made of imported leather processed to make it pliable as kid and washable. An ideal glove for men and women gardeners. Will outwear six cotton gloves. Sizes for women: "Small," "Medium," "Large." Prices $1.85 pair; postpaid $1.95. For men: "Medium" and "Large." Price, $2.10 a pair; postpaid, $2.20.

NEW IMPROVED GREEN THUMB GLOVES

S-1019 Soft, washable for garden and house use. Small, medium and large. Specify size when ordering. Price per pair, 98c; postpaid, $1.05.

DELIVERY

Except where specified otherwise, all orders for items listed in this catalogue which total $3.00 and over will be delivered prepaid. With orders for less than $3.00 add 35 cents for postage and handling

PAPER WHITE NARCISSI GROWING IN GRAVEL AND WATER

Paper White Narcissi

Imported Bulbs

These have been favorites for ages as a decoration for the living room during the coldest winter months when flowers are scarce. Their culture is simple, and with good strong bulbs such as we supply, flowering is sure. Plant bulbs in shallow bowls filled with pebbles, or fibre, and water. Keep in the dark until roots form (about 2 weeks) then bring into light. A day temperature of not over 70° is best.

Fancy selected bulbs (13 ctm.). Dozen, **$1.00;** 100, **$7.00**

Mammoth bulbs (14 ctm.). Dozen, **$1.25;** 100, **$9.00.**

The Yellow Paper White

(Grand Soleil D'or)

A larger, stronger scented form of the Paper White Narcissus colored a beautiful golden yellow with a darker cup.

Mammoth bulbs. Per three, **50c;** dozen, **$1.75;** 100, **$11.00.**

Chinese Sacred Lily

(Narcissus)

This narcissus is called by the Chinese the "Joss Flower." The flowers are white, with yellow cup and very fragrant. Each bulb produces several flower-spikes. Plant like Paper White Narcissi in bowl of bulb fibre, or pebbles and water. Avoid dry, hot rooms. A kitchen window may be best until flowers come. Recommended for Christmas flowering. Large bulbs. Three for **40c;** per dozen, **$1.50;** 100, **$10.00.**

WHITE CALLA LILIES

Calla Lilies

PINK REHMANNII, Superba
Ready in November

The rare Pink Calla Lily. Rather dwarfer and smaller flowered than the White Calla, but of alluring coloring, palest blush to pure rose. 1¼-1½ inch.

Each, **25c;** doz. **$2.30.** 1½-2 inch. Each, **35c;** doz., **$3.50.**

WHITE, Aetheopica, Ready Now. A well-known plant of easy culture for winter bloom, and makes a handsome house or window plant. To aid profuse blooming keep dormant from the middle of June until the last of September; pot on receipt in good, rich soil, using 6 to 8-inch pot, give light and heat in abundance. Both foliage and flowers are attractive in this desirable winter bloomer.

Select Size (1½ to 1¾ in.) . . . Each, **40c;** doz., **$4.00;** 100, **$27.00.**

Calla Golden Yellow

Ready in November

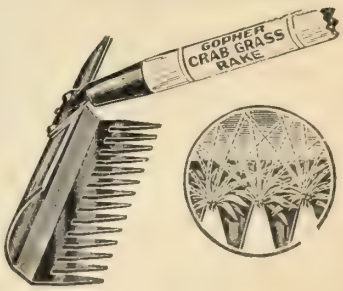
New and beautiful variety; same habit of growth as ordinary white Calla; flowers same size and shape, rich, clear, lustrous golden yellow; foliage dark green, with translucent creamy spots, strong bulbs.

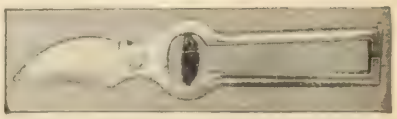
Mammoth (2½ to 3 in.) . . . . Each, **65c;** doz., **$6.50;** 100, **$48.00.**

HANDY CRAB GRASS RAKE

S-1013

This rake is formed so that the teeth pull flat on the sod; thus they get under the branches of the Crab Grass, shear off the entire head of the plants and keep them from further seeding. $2.00; postpaid $2.50





IMPORTED PRUNING SHEARS

S-1071 These are of finest quality Italian steel, fully polished, with ratchet and lock-nut for tightening. Each $1.85 postpaid, $2.00.

First Garden Flowers to Bloom in Spring

SNOWDROPS

Snowdrops (Galanthus)

Snowdrops flower after the first spring thaws and when the flowers are over, there remains a groundwork of green foliage

Single. (Largest Bulbs.) Doz., **90c**; 100, **$6.00**; 1,000, **$50.00.**

Double. (Largest Bulbs.) Doz., **$1.10**; 100, **$7.50**; 1,000, **$65.00.**

GRAPE HYACINTHS

Grape Hyacinths

(Muscari)

Grape Hyacinths thrive in American gardens, planted with late tulips for clumps in the rock garden or border. All are very accommodating in their requirements, but prefer a good loam with a little old manure dug into it, and, in the case of the Feather Hyacinth, a rather warmer position. The bulbs should be planted during autumn at a depth of about three inches and about two inches apart

ARMENIACUM. Deep blue, large flowers. 9–10 Ctms. Doz., **55c**; 100, **$3.50**; 1,000, **$25.00.**

EARLY GIANT. Larger bells and a little lighter in color, 10 days earlier. 8–9 Ctms. Doz., **60c**; 100, **$4.00** 1,000, **$30.00.**

ALBA (Pure White). Doz., **90c**; 100, **$6.00**; 1,000, **$50.00.**

PLUMOSUM. Bearing in May handsome featherly plumes of violet colored flowers, very attractive Doz., **$1.50**; 100, **$10.00**; 1,000, **$80.00.**

SCILLAS SELF-SEED AND MULTIPLY

Scillas (Squills)

Illustrated in Color on Cover E

As edgings and masses in beds and borders, Scillas are most valuable. They succeed in shady flower borders and bare shady places and odd corners

SCILLA SPRING BEAUTY. Spring Beauty is a giant by comparison with the ordinary Siberica, very free blooming and ideal for growing in pans or pots. Brought into a 50 to 55 deg. house after being well rooted, it flowers within two weeks, the glorious blue spikes having stems 6 to 8 in. long. Perhaps there is nothing so truly blue that will bloom at that time. Outdoors it is a trifle later than the ordinary but decidedly superior. 9–10 Ctm. Doz., **85c**; 100, **$6.00**; 1,000 **$54.00.**

SIBERICA (The Blue Squill). Bright blue, nothing more beautiful for edgings or pots in early Spring, flowering with the Snowdrop Height, 4 inches 8–9 Ctm. Doz., **65c**; 100, **$4.00**; 1,000 **$36.00.**

Late Flowering Scillas

Scilla Campanulata flowers with the Darwin tulips and is often interplanted with them

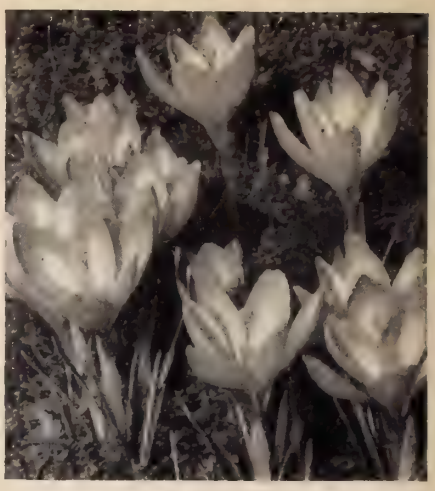
CAMPANULATA (Clear Blue). Very erect in habit (15 inches). Doz., **65c**; 100, **$4.50**; 1,000, **$36.00.**

Alba. Pure white (12 in.). Doz., **65c**; 100, **$4.50**; 1,000 **$36.00.**

Rosea. Fine rose (15 in.). Mixed. Doz., **65c**; 100, **$4.50**; 1,000, **$36.00.**

NUTANS Blue. The true English blue-bell. In its native habitat it abounds in woodlands literally carpeting the ground. Gracefully arching stem carrying many violet blue flowers, opening after most other Scillas are gone. Very hardy. Doz., **75c**; 100, **$5.00**; 1,000, **$40.00.**

NUTANS Alba. Pure white companion to the above with long arching stem Beautiful when naturalized in copses, shady walks etc. Also prized for cutting Doz., **75c**; 100, **$5.00**; 1,000, **$40.00.**



CROCUSES

Crocus

9-10 ctm

Illustrated in Color on Cover E

Flowering soon after snowdrops and before the daffodils, crocuses in groups or masses present a delightful picture. We offer four colors: White, Blue, Yellow and Striped. Order by color, or in a balanced mixture, which will include an equal quantity of each color.

	Doz.	100	1000
BLUE and Purple	$0.50	$3.50	$30.00
WHITE	.60	3.75	34.00
STRIPED	.50	3.50	30.00
YELLOW	.60	3.50	34.00
Mixture of Blue, Yellow and White	.50	3.50	30.00

Chionadoxa

(Glory of the Snow)

One of our loveliest Spring flowers, when established its sheets of blue in very early Spring are a great attraction in borders or massed on rock-work. It flowers with the early Scillas and spreads from dropped seed, so that a planting grows larger each year

LUCILLEA. Bright blue with large clear white center. Doz., **40c**; 100, **$2.25**; 1,000, **$18.00.**

SARDENSIS. Deep blue. Doz., **40c**; 100, **$2.25**; 1,000, **$18.00.**

SPRING SNOWFLAKES (Leucojum Vernum)

Leucojum (Snowflake)

VERNUM (Spring Snowflake). A favorite little early spring flower having drooping, bell-shaped flowers, white with small brown tips. Once planted in a favorable environment they come up every spring, bearing more flowers each time. Excellent for rock gardens and naturalizing. Each, **15c**; Doz., **$1.35**; 100, **$9.50.**

PLANT THESE BULBS TO CHEER YOU ON SPRING'S ARRIVAL

Grouped in the border, where you can see them from a window, the bulbs in the following collections will begin to flower when the last snows melt and all will have bloomed before the first daffodils

BULB COLLECTIONS:

No. 121—36 bulbs, 12 single snowdrops 12 scilla siberica, 12 mixed crocus 9-10 ctms., prepaid for **$2.20.**

No. 122—75 bulbs, 25 single snowdrops, 25 scilla siberica, 25 mixed crocus, 9-10 ctms., prepaid for **$3.50.**

ST. BRIGID ANEMONE

RANUNCULUS VICTORIA HYBRID

FRENCH ROMAN HYACINTHS

Anemone (Windflower)

They succeed best in light, rich, well-drained loam. Plant in early October. Mulch after freezing.

DE CAEN. A real selected strain. This mixture contains many fine shades of blue, white and reds. Mixed, ⅝–¾ inch. Doz., **90c**; 100, **$6.00**; 1,000, **$50.00.**

ST. BRIGID. Flowers range from the deepest crimson to the purest white, embracing cobalt, scarlet, rose, salmon-pink, and heliotrope. Most are semi-double. ⅝–¾ inch. Doz., **95c**; 100, **$6.50**; 1,000, **$55.00.**

Calochortus

True Mariposa, or Butterfly Tulips

Cup-shaped flowers, one to many on a stem, marked with eyes and dots and pencilings in rich colors.

MIXED. From 1 to 2 feet high, flowers vary through white, yellow, lilac to purple and pink to deep claret-red. They thrive best in porous soil, sandy or gritty, either in sun or light shade. Flowers are 2 to 4 in. Doz., **$1.10**; 100, **$7.50**; 1,000, **$65.00.**

Eranthis Hyemalis

(Winter Aconite)

Early in Spring the golden blossoms of Winter Aconite look charming, resting on an emerald-green cushion of leaves, forming a striking contrast to the Snowdrop, Scilla and Chionodoxa. The foliage remains long after the flowers, making the plant especially valuable in moist situations, such as under trees. Height 8 inches.

Doz., **75c**; 100, **$5.00**; 1,000, **$40.00.**

Dog Tooth Violet

(Erythroniums)

If they had no other beauty than that of their richly mottled leaves, they would be well worth a place in the shady corner. Their flowers are 3 inches across, with stems 6 to 18 inches high. The colors run in delicate tints of white, pink, cream, bright yellow and rose. They are hardy in the coldest States, and while they are at their best in a loose, gritty soil, rich in leaf mold, they also thrive in woodlands, in shaded corners, or in the crevices of rockwork in shade

CALIFORNICUM has large cream-colored flowers. Doz., **$1.20**; 100, **$8.50**; 1,000, **$75.00.**

PURDYI is as pretty as Hartweggii, but cream colored with a very delicate light lemon center. Doz., **$1.20**; 100, **$8.50**; 1,000, **$75.00.**

HENDERSONII. Like Californicum, but the flowers are a lovely light purple, with centers a deep maroon. Doz., **$1.20**; 100, **$8.50**; 1,000, **$75.00.**

TUOLUMNENSIS is quite new to both the garden and science. Large leaves, not mottled, and golden yellow flowers. The bulbs are very large and by offsetting form large clumps. Not too free flowering, but very distinct. Doz., **$1.10**; 100, **$8.00**; 1,000, **$70.00.**

MIXED. Doz., **$1.10**; 100, **$8.00**; 1,000, **$70.00.**

Fritillaria

MELEAGRIS. Singular dwarf spring-flowering plants bearing, large pendant, bell-shaped flowers of various colors: yellow, white, black, purple, striped and splashed and checkered in the most curious way. Invaluable and exceedingly pretty when grown in large groups in the garden border or wild dry situation. Doz., **75c**; 100, **$5.00**; 1,000, **$40.00.**

IMPERIALIS (The Crown Imperial) is a stately hardy border-plant, very effective in Spring when grouped in woodlands wild gardens, orchards. Bell shaped flowers, orange, red and checkered. Plant 12 inches deep, in well drained location. Each, **70c**; doz., **$7.00**; 100, **$50.00.**

RECURVA (Mission Bells). A beautiful woodland plant from Southern California. 1½ to 2 feet, and producing dainty orange scarlet flowers. They prefer partial shade and a loose soil. Each, **20c**; doz., **$2.00**; 100, **$15.00.**

Ornithogalum

ARABICUM. Throws up a tall stem with a cluster of star-shaped flowers: pure white with dark centers. Culture in the house is about the same as for Hyacinths. Ea. **15c**; doz., **$1.30**; 100, **$9.50.**

ERYTHRONIUM HENDERSONII

See Description in first column on this page.

DELIVERY

Except where specified otherwise, all orders for items listed in this catalogue which total $3.00 and over will be delivered prepaid. With orders for less than $3.00 add 35 cents for postage and handling.

Ranunculus (Buttercup)

Plant in November for early spring bloom in frames Set 3 or 4 inches apart, pressing firmly into the soil, claws downward and cover them with sand, then with soil; keep the crown of the tubers four inches under the surface. Water them well

VICTORIA HYBRID MIXED. Far superior to any Ranunculus that we know. Flowers are double and large—⅝–¾ inch. Doz., **75c**; 100, **$5.00**; 1,000, **$45.00.**

French Roman Hyacinths

These beautiful Hyacinths are among the most easily cultivated and most satisfactory of flowering bulbs. The white variety, if planted early in September and slowly forced, will bloom in November

	Each	Doz.	100
White 13–14 ctm.	$0.30	$2.80	$23.50
Blue 13–14 ctm.	.20	1.90	14.00
Pink 13–14 ctm.	.30	2.80	23.50

Novelty Hyacinth Rosalie

This early flowering pink hyacinth can be brought into flower in the house by December 15, if grown in a pot. It can also be grown in pebbles and water or peat moss in decorative containers without drainage. It is as early as Roman hyacinths but the spikes are much larger and stronger

Bulbs 15 ctm. (largest size) each **30c**; doz., **$3.00**; 100, **$24.00.**

Hyacinths for Indoors

(Illustrated in Color on Cover H)

Mammoth bulbs of hyacinths will grow and bloom in hyacinth glasses, or in flower pots For pots use good potting soil, cover the bulb one inch, and keep in a dark, cool place eight or ten weeks, keeping the soil moist

RED AND ROSE

GERTRUDE.—Rose-Pink, one of the best pot varieties
JAN BOS.—Scarlet early forcer
LA VICTOIRE.—Brilliant red.
PINK PEARL.—Rosy pink.
QUEEN OF PINKS.—Rose, pink, choice

WHITE

CARNEGIE.—Pure white, large bells, splendid spike, best for outdoor planting
L' INNOCENCE.—Pure white, best for growing in pots indoors

YELLOW

CITY OF HAARLEM.—Golden Yellow

BLUE

BISMARCK.—Lavender
DELFT BLUE.—Porcelain Blue
GRAND MAITRE.—Dark procelain blue
KING OF BLUES.—Very dark blue
QUEEN OF BLUES.—Very light blue
MYOSOTIS.—Light blue

Mammoth Bulbs, 18-19 ctm., each 35c; 3 for 90c; doz. $3.00.

Your choice of varieties.

Merion Price Now Reduced 20% to Our Lowest Price on Record

Famous Universities, Including Notre Dame, Purdue, Michigan State, and West Point Academy, Now Use Merion on Their Athletic Fields.

A MERION LAWN IN MILLER, IND.

Seed of Vaughan's Merion strain of Kentucky Blue Grass is available this fall at the lowest prices ever, thanks to a good 1956 seed crop. Each year heavy fall demand has forced higher spring prices. This could happen again.

Vaughan's introduced Merion to the public in 1951. Since then its beauty has been placed on display in thousands of lawns. For proof of its superiority, inquire in your neighborhood for a Merion lawn. Its owner will be glad to show it and tell you why it is the lawn you dream about, far ahead of all rivals both in quality and economy.

More beautiful, with its dark green color and thick turf, covering he ground like a long-pile carpet.

Sow straight Merion Blue Grass in the Fall as early as practical. For late Fall seeding use our Merion Formula.

More economical, because only one-third as much seed is sown to start, and it does not need reseeding.

Stands wear with less care, as proved on golf tees, where it repairs divots quickly; on football fields, where it endures the roughest treatment possible. Your children cannot give it any greater test than it receives in these two sports.

Why wait any longer for YOUR Merion lawn?

MERION BLUE GRASS

For those desiring straight Merion Blue Grass we can offer up to a maximum of 25 lbs. per customer due to the limited quantity. One lb. will sow 750 sq. ft. 1 lb., **$3.50;** 3 lbs., **$10.50;** 5 lbs., **$17.25;** 10 lbs., **$34.00;** 25 lbs., **$83.75.** All prepaid.

MERION FORMULA A SUPERIOR LAWN SEED MIXTURE 100% PERENNIAL GRASSES

1 lb. covers 750 sq. ft. 1 lb., $2.35; 3 lbs., $7.00; 5 lbs., $11.50; 10 lbs., $22.50; 25 lbs., $55.00. All prepaid.

MERION FORMULA is a mixture of the latest and best grasses available today and includes over 900,000 seeds of Merion per pound of mixture. This mixture will give a quick cover but is blended to lead eventually to a solid Merion lawn.

Produces thicker turf, stays greener all summer and stands closest mowing. 1 pound covers 750 square feet, 3 times as much as standard blue grass mixtures, thus being no more expensive to sow an equal area.

Prices of all grass seeds are subject to change without notice.

VAUGHAN'S PARKS MIXTURE

In the fall it is more important than ever to sow only permanent grasses. For a lawn of permanence and beauty, our famous Parks mixture is recommended, containing fancy, recleaned seed of fine leaved, hardy, lasting grasses of high purity and germination. It contains a liberal amount of Creeping Red Fescue, which spreads from the roots and so helps thicken the turf and crowd out weeds.

Price, 1 lb., **$1.45;** 3 lbs., **$4.30;** 5 lbs., **$7.10;** 10 lbs., **$14.00;** 15 lbs., **$20.90;** 25 lbs., **$34.50;** 100 lbs., **$134.00.**

VAUGHAN'S "COLUMBIAN"

Formula for Shady Lawns or Sandy Soil

In making a lawn on sandy soil or in partial shade, conditions are met which require the use of a special grass seed blend. Vaughan's "Columbian" is the correct blend for such locations.

Price, 1 lb., **$1.35;** 3 lbs., **$4.00;** 5 lbs., **$6.60;** 10 lbs., **$13.00;** 15 lbs., **$19.40;** 25 lbs., **$32.00;** 100 lbs., **$124.00.**

VAUGHAN'S DENSE SHADE FORMULA

An exceptional formula which is particularly adapted to heavily shaded areas and will also do well in lighter shade. We have spared no care or expense to make this lawn seed the best obtainable for the purpose. Does not contain clover.

Price, 1 lb., **$1.35;** 3 lbs., **$4.00;** 5 lbs., **$6.60;** 10 lbs., **$13.00;** 15 lbs., **$19.40;** 25 lbs., **$32.00;** 100 lbs., **$124.00.**

VAUGHAN'S EXCEL FORMULA

An economy blend for new seedings and quick results which should be followed by reseeding with a more permanent blend like our "Parks." In spite of its low price, this blend does not contain timothy. Sow at the rate of 1 lb. to every 200 sq. ft. Begin cutting when grass is 3 to 4 inches high and continue to cut regularly to keep turf fine

Price, 1 lb., **$1.00;** 3 lbs., **$2.95;** 5 lbs., **$4.85;** 10 lbs., **$9.50;** 15 lbs., **$14.15;** 20 lbs., **$18.75;** 25 lbs., **$23.25;** 100 lbs., **$89.00.**

SEED OF THE BENT GRASSES

For lawns Bent grass from seed is preferred to creeping Bent stolons because it does not grow so rapidly or require so much cutting and top dressing. Seed 3 to 4 lbs. per 1000 square feet.

ASTORIA BENT GRASS. This grass has creeping roots which throw up new shoots and make a very thick turf. It makes a splendid lawn and golf grass. Requires less care than the aggressive surface creepers. Price, ½ lb., **$1.10;** 1 lb., **$1.85;** 2 lbs., **$3.70;** 3 lbs., **$5.50;** 5 lbs., **$9.00;** 10 lbs., **$17.75;** 15 lbs., **$26.25;** 20 lbs., **$34.60;** 25 lbs., **$42.50.**

SEASIDE CREEPING BENT GRASS. This is a true creeping Bent grass seed. One or two top dressings a year will keep it in good condition. Does not require as much cutting as the varieties of bent grown from plugs and stolons. ½ lb., **$1.15;** 1 lb., **$1.95;** 2 lbs., **$3.90;** 3 lbs., **$5.80;** 5 lbs., **$9.50;** 10 lbs., **$18.75;** 15 lbs., **$27.75;** 20 lbs., **$36.60;** 25 lbs., **$45.00.**

Kentucky Blue Grass (Poa pratensis)

EXTRA HEAVY SUN-CURED SEED—Specially recleaned. 1 lb., **$1.35;** 3 lbs., **$4.00;** 5 lbs., **$6.60;** 10 lbs., **$13.00;** 15 lbs., **$19.40;** 25 lbs., **$32.00;** 50 lbs., **$62.00.**

Fancy Seed—(Standard grade of recleaned blue grass). 1 lb., **$1.20;** 3 lbs., **$3.55;** 5 lbs., **$5.85;** 10 lbs., **$11.50;** 15 lbs., **$17.15;** 25 lbs., **$28.25;** 50 lbs., **$55.00.**

RED TOP GRASS (Argrostis alba)

EXTRA FANCY recleaned solid seed—1 lb., **$1.25;** 3 lbs., **$3.70;** 5 lbs., **$6.10;** 10 lbs., **$12.00;** 15 lbs., **$17.90;** 25 lbs., **$29.50;** 50 lbs., **$57.00.**

WHITE CLOVER FOR LAWNS

Extra fancy seed. Price, ¼ lb., **60c;** ½ lb., **$1.25;** 1 lb., **$2.00;** 2 lbs., **$4.00;** 3 lbs., **$5.95;** 5 lbs., **$9.75;** 10 lbs., **$19.25;** 15 lbs., **$28.75;** 20 lbs., **$37.40;** 25 lbs., **$45.75.**

PERENNIAL RYE GRASS

A rather broad bladed grass, good where a quick, heavy turf is wanted. Price, 1 lb., **35c;** 3 lbs., **$1.00;** 5 lbs., **$1.60;** 10 lbs., **$3.00;** 15 lbs., **$4.40;** 25 lbs., **$7.00;** 50 lbs., **$13.50;** 100 lbs., **$25.00.**

COMMON RYE GRASS. (Italian Type.) 1 lb., **30c;** 2 lbs., **60c;** 3 lbs., **85c;** 5 lbs., **$1.35;** 10 lbs., **$2.50;** 15 lbs., **$3.65;** 25 lbs., **$5.75;** 50 lbs., **$10.00.**

FESCUES

CHEWINGS FESCUE. This grass is valuable on sandy soils and in shade. It is a perennial with a fine blade and a spreading root system. Sow either Spring or Fall at 5 lbs. to 1,000 sq. ft. Price, 1 lb., **$1.00;** 3 lbs., **$2.95;** 5 lbs., **$4.85;** 10 lbs., **$9.50;** 25 lbs., **$23.25;** 50 lbs., **$37.00.**

PENN STATE CHEWINGS FESCUE. An improved variety developed by Penn State College, 1 lb., **$1.30;** 3 lbs., **$3.85;** 5 lbs., **$6.35;** 10 lbs., **$12.50;** 25 lbs., **$30.75;** 50 lbs., **$52.00.**

CREEPING RED FESCUE. One of the best fescues obtainable, it spreads from the roots, making a dense turf which tends to crowd out weeds. Does well in shade and is good on sandy soil. Price, 1 lb., **$1.00;** 3 lbs., **$2.95;** 5 lbs., **$4.85;** 10 lbs., **$9.50;** 25 lbs., **$23.25;** 50 lbs., **$37.00.**

ALTA FESCUE. This recent development has a very deep root system and is drought resistant. It stands up under traffic and though coarse is excellent for athletic fields, airports, roadsides, playgrounds and lawns where there is heavy traffic. 1 lb., **50c;** 5 lbs., **$2.35;** 10 lbs., **$4.50;** 25 lbs., **$10.00.**

POA TRIVIALIS (Rough Blue Grass)

A grass for moist shady spots, 1 lb., **$1.00;** 3 lbs., **$2.95;** 5 lbs., **$4.85;** 10 lbs., **$9.50;** 25 lbs., **$23.25;** 50 lbs., **$37.00.**

All Grass Seed is Prepaid to Any Part of the U. S. A.—There is an Extra Charge by Post Office for Collection on C. O. D. Packages.

Best of the Newer Irises

5 IRIS CHAMPIONS FOR $3.75

BRYCE CANYON. 38 in. A fascinating and distinct warm shade of glowing henna-copper. Well branched stems, highly domed standards and broad round falls. A good grower everywhere. 75c; 3 for $2.00.

INDIANA NIGHT. 38 in. An excellent performer with large flowers of rich velvety blue-purple, almost black. A seedling of the famous Sable. $1.00; 3 for $2.50.

NEW SNOW. 40 in. The large ruffled flowers are as white as new fallen snow; yellow beard. It has everything to be desired, form, substance and branching and is unquestionably one of the finest white irises. $1.00; 3 for $2.50.

PINK CAMEO. 36 in. An exquisite pure, cameo pink with a startling tangerine-orange beard. One of the famous flamingo pink line without any violet influence. Early. This is the pink Iris we have been waiting for $1.00; 3 for $2.50.

RANGER. 36 in. Very dark, true crimson red. Long large blooms of firm texture. A sure producer of flowers and lots of them. $1.00; 3 for $2.50.

The 5 Iris Champions, one each as listed above, (value $4.75) for $3.75 postpaid.

RANGER

ALL PRICES ON IRISES ARE PREPAID IN THE U.S.A. if your order for Irises, Hemerocallis and Peonies amounts to $3.00 or more for shipment to one address. If under $3.00, add 35c for postage and handling.

"S" refers to the three standard or upright curling petals; "F" to falls or drooping petals.

Irises are most effective if planted 3 of a kind in a clump.

As soon as iris plants are received, plant them in a sunny, well drained place. Each plant should have at least eighteen inches clear space from other irises, as it will grow in a circle and many varieties spread rapidly. The rhizome, or fleshy root stock from which the leaves and roots grow, should be barely covered with soil, with the roots properly spread below, and the soil well firmed about them. Until the plant is established, give it frequent attention, watering in dry spells. In the first winter, after the ground has frozen, a light mulch to prevent thawing and heaving will be beneficial.

DYKES MEMORIAL MEDAL. This is an award made annually in America, France and England for the best Iris of the year. If you select one of these winners you may be assured of getting an iris that is almost perfect.

Tall Bearded Varieties

See our Iris Aristocrat collection on page 2.

AMANDINE. 36 in. The cool crisp blooms of lemon-cream are beautifully formed and delightfully ruffled. It is near perfection and once you see it, you will want it. Fragrant. $1.00; 3 for $2.50.

ARGUS PHEASANT. 36 in. **Dykes Medal 1952.** Huge flowers of bright golden brown with highlights of a bright coppery sheen. Striking and unusual, it thrills all who see it. $2.00; 3 for $5.00.

AZURE SKIES. 36 in. A perfectly formed, ruffled azure blue self. A serenely trim iris with firm crisp petals. 60c; 3 for $1.50.

BERKELEY GOLD. 38 in. A large deep clear yellow self of fine form, heavy substance. 60c; 3 for $1.50.

BLACK DIAMOND. 38 in. Very large flowers of ebony blue-black with a silken velvet luster. A huge beauty that will glisten in your garden like a black diamond. $2.50; 3 for $6.25.

BLUE RHYTHM. 40 in. Extra large flowers of cornflower-blue. **Dykes Medal 1950.** 75c; 3 for $2.00.

BLUE SHIMMER. 38 in. The extremely large and full, well-formed flowers are a beautiful clear sparkling white dotted and peppered all-over with clear blue. Really outstanding 75c; 3 for $2.00.

BUECHLY GIANT. 40 in. A clear lavender blue bicolor of perfect form and sensational size. 60c.

CHANTILLY. 36 in. Delightful orchid pink. Edges of both standards and falls are so heavily ruffled and frilled they appear edged with lace, a shade lighter than the rest of the flower. $1.00; 3 for $2.50.

CHERIE. 34 in. **Dykes Medal 1951.** Most famous of the "flamingo pinks." The large, ruffled flowers of excellent form and substance are a luscious shade of pink and have a deep tangerine beard. $2.50.

CHINA MAID. 48 in. An intriguing blend of pink, golden copper and soft lilac. 75c; 3 for $2.00.

OUR FAVORITE 10 COLLECTION. These varieties were all included in the first division of the "100 Most Popular Varieties in 1955," as determined by poll of the American Iris Society. One each of Amandine, Blue Rhythm, Blue Shimmer, Chivalry, Elmohr, Lady Mohr, New Snow, Ola-Kala, Sable and Solid Mahogany. 10 Iris (value $9.00) for $6.25 postpaid.

CHIVALRY. 36 in. **Dykes Medal 1947.** The perfect medium blue with large ruffled flowers of excellent form and heavy substance. It is breath taking in a large clump and the blooms remain open for days. $1.00; 3 for $2.50.

CLOTH OF GOLD. 38 in. Clear, sparkling deep golden yellow; fragrant. Of classical form, heavy substance and free blooming. 75c; 3 for $2.00.

CHRISTABEL. 38 in. The large flowers of gleaming copper-red are outstanding in every way. Very showy and floriferous; one of the most effective irises in the garden. 60c; 3 for $1.50.

ELMOHR. The Colossal Iris. 36 in. A super Iris that has magnificent, richly colored, rounded blooms of heavy texture. The color is reddish mulberry with a pinkish glow that gives it great brilliance. **DYKES MEDAL 1945.** $1.00; 3 for $2.50.

ELSA SASS. 36 in. Exquisite, slightly ruffled flowers of cool lemon yellow, with a greenish cast in its depths and a near white blaze near the haft. 60c.

ETHELWYN DUBUAR. 38 in. Very fine large flowers of deep pink, 60c; 3 for $1.50.

FIRECRACKER. 33 in. Brilliant glowing burgundy red plicata with yellow trim. One of the most showy Iris in the garden. $1.00; 3 for $2.50.

GARDEN FLAME. 34 in. A large, richly colored Iris of deep rose-mahogany with very broad petals. Ranks with the top among the red Irises. Late, 75c.

GOOD NEWS. 33 in. A profuse bloomer with broad ruffled flowers of brilliant mustard gold. $1.00.

GRAND CANYON. 38 in. A rich and colorful blend of plum, copper and gold. 60c, 3 for $1.50.

GREAT LAKES. 42 in. An exquisite pure blue, the shade of an unclouded sky reflected in crystal waters. It is almost perfection, having crisp petal texture, widely branched, strong stems, and ideally formed blooms with widely flaring falls. **DYKES MEDAL 1942.** 75c; 3 for $2.00.

GUDRUN. 36 in. Enormous, well shaped flowers of lovely pure white, dusted with soft gold at the throat. Early, 60c; 3 for $1.50.

HARRIET THOREAU. 38 in. Good textured flowers of a delightful shade of clear orchid pink. 60c.

DE LUXE IRIS COLLECTION. One of each of Amandine, Chivalry, Chantilly, Firecracker and Solid Mahogany (value $5.00) for $4.00. Postpaid.

HELEN McGREGOR. 36 in. **DYKES MEDAL 1949.** Beautifully ruffled, clear light blue with no trace of lavender in it. Large flowers of heavy substance on well branched stems. $1.00; 3 for $2.50.

INDIAN HILLS. 37 in. A stunning iris of clear rich wine purple. Its large flowers have great carrying power and make a glorious mass of color in the garden. Fragrant. 60c; 3 for $1.50.

LADY MOHR. 36 in. For the iris that's "different" in your garden, this is it! An exotic combination of huge, oyster-white standards, slightly fluted, with strong mid-ribs; falls frosted chartreuse with prominent veining and a dark patch by the beard. $1.00; 3 for $2.50.

MASTER CHARLES. 38 in. A gorgeous flower of rich, glowing mulberry purple. 75c; 3 for $2.00.

MING YELLOW. 40 in. The perfect yellow Iris. The gigantic blooms remind one of a smooth, rich flawless carpeting of deep, yellow velvet. Vigorous in growth, and stout, well branched stems. 60c; 3 for $1.50.

MINNIE COLQUITT. 36 in. Massive white plicata, with heavy band of wine-purple stitching. 75c.

MISSOURI. 36 in. **DYKES MEDAL 1937.** Of sensational size and unquestionably one of the best of all blue Irises. S. clear vivid blue; F. slightly darker; semi-flaring. 60c; 3 for $1.50.

MULBERRY ROSE. 40 in. Huge flowers of radiant, lovely, mulberry rose. 75c; 3 for $2.00.

OLA-KALA. 36 in. Beautiful rich, deep yellow flowers of fine form and ruffling with flaring falls. So intensely yellow and brilliant it is almost on the orange side. Withstands weather excellently. **DYKES MEDAL 1948.** 75c; 3 for $2.00.

ORMOHR. 40 in. The flowers are of gigantic size, the standards beautifully domed, the falls semi-flaring. The color is lavender-veined violet with a rosy glow over all. 60c; 3 for $1.50.

PIERRE MENARD. 38 in. This magnificent deep rich pure blue, with its canary yellow beard is probably the largest blue iris in existence today. A prolific grower with many blooms. Late. $2.00; 3 for $5.00.

PINK FORMAL. 38 in. Very large, richly colored flowers of deep flamingo pink with intense red-tangerine beard. It has extra heavy substance and is unsurpassed among the pinks in its ability to hold up in the wind, rain and hot sun. $2.00; 3 for $5.00.

PINNACLE. 35 in. The beautiful wax-like blooms with its pure white standards and primrose yellow falls are refreshing to look at and they hold up well in all kinds of weather. It is something really new in combination of colors, a "must" for your garden. $2.00.

PRAIRIE SUNSET. 37 in. **DYKES MEDAL 1943.** A gorgeous new blend of peach, apricot, rose, copper and gold that captures and holds within itself all the warm, glowing colors of the western sunset. 75c; 3 for $2.00.

RADIANT. 34 in. S. brilliant burnished orange. F. glowing coppery red. Color so vivid and intense it attracts immediate attention. 60c; 3 for $1.50.

SABLE. 40 in. Excellent form, hardiness, and good bloom every year are some of the qualities which make this variety a prize-winner. An almost black Iris with a lustrous, silky sheen and an intense depth of color never before seen. 75c; 3 for $2.00.

SNOW FLURRY. 40 in. Enormous, beautifully ruffled flowers of pure icy white, very faintly flushed with blue. The flowers come early, last over a long period and literally cover the strong stems. 75c.

SOLID MAHOGANY. 38 in. Beautifully formed, very large flowers of deep, glowing mahogany-red. Tops in the dark red class. $1.00; 3 for $2.50.

SPUN GOLD. 38 in. **DYKES MEDAL 1944.** A gorgeous iris. It is a deep, pure golden yellow self with a velvety lustre that adds to its beauty and depth of color. 75c; 3 for $2.00.

SUNSET BLAZE. 40 in. A huge blend of flame red and coppery salmon with a glistening finish. It is beautifully bright in color, the most startling thing in the garden, and it will take all kinds of weather. Early. $1.50.

THE RED DOUGLAS. 40 in. **DYKES MEDAL 1941.** Vibrant red-purple of colossal size, gorgeously rich in color, 75c; 3 for $2.00.

THREE OAKS. 38 in. Huge, glowing rose-pink blend, overlaid rosy copper with a lovely blue blaze on the falls. The flowers are carried on heavy, stiff stems and last over an extra long period. 75c; 3 for $2.00.

WABASH. 39 in. **DYKES MEDAL 1940.** S. snowy white, delightfully ruffled at the edges; F. wide and flaring, deep hyacinth violet with a definite white edge. Has wonderful substance and orchid-like beauty. 60c; 3 for $1.50.

NOVELTY IRIS COLLECTION. One each of Argus Pheasant, Cherie, Pierre Menard, Pinnacle and Sunset Blaze (value $10.00) for $7.45 Postpaid.

Fall Blooming Irises

These varieties bloom in the Spring and have a habit of blooming again in the Autumn.

ELEANOR ROOSEVELT. 28 in. An outstanding variety of very fine deep velvety-purple. Profuse bloomer twice a year. 60c; 3 for $1.50.

OCTOBER BLAZE. 34 in. Big glowing red-purple. 60c; 3 for $1.50.

SOUTHLAND. 28 in. Clear deep chrome yellow of large size and heavy substance. 60c; 3 for $1.50.

SPECIAL OFFER No. 186A. 6 Fall Blooming Irises, 2 each Eleanor Roosevelt, October Blaze and Southland. (value $3.60) for $2.85.

Dwarf Irises

Dwarf varieties that bloom two weeks in advance of the tall bearded Iris.

ATROVIOLACEA. 5 in. Red-purple with white tipped beard. Very early. 60c; 3 for $1.50.

CYANEA. 6 in. Very dwarf, rich crimson purple; fragrant. 60c; 3 for $1.50; 10 for $4.00.

FAIRY. 6 in. A lovely soft sky-blue. 60c; 3 for $1.50; 10 for $4.00.

FLORIDA. 6 in. A good yellow. 60c; 3 for $1.50; 10 for $4.00.

KEEPSAKE. 8 in. Bright golden yellow on slender stalks. 75c; 3 for $2.00; 10 for $4.50.

MIST O' PINK. 8 in. Misty red-pink with slender stem and flaring falls. 75c; 3 for $2.00; 10 for $4.50.

SPECIAL OFFER No. 186B. 12 Dwarf Irises, 3 each Cyanea, Fairy, Keepsake and Mist O' Pink. (value $7.00) for $4.95. Postpaid.

Siberian Irises

Price, 75c each; 3 of one kind for $2.00.

EMPEROR. 48 in. Large flowers of a deep rich, dark violet-blue. Very fine.

PERRY'S BLUE. 48 in. Large, well formed flower of a beautiful shade of sky-blue. One of the most popular and finest of Siberian Iris.

SNOW QUEEN. 30 in. Large ivory white with rich yellow blotch at the throat.

SPECIAL OFFER No. 186C. 6 Siberian Irises, 2 each Emperor, and Perry's Blue and 2 Snow Queen, (value $4.50) for $3.25. Postpaid.

Japanese Irises

These beautiful "Orchids of the Orient" bloom in June and July. They are entirely different, having rather flat and wide blooms, of velvety texture, 6 or more inches across. Plant in a sunny and moist location, but not where water will stand.

Price, 75c each; 3 of one kind, $2.00.

BLUE WAVES. Double light blue flowers of enormous size. Broad wavy petals.

GOLD BOUND. Double white with gold-banded center. Earliest to bloom.

MAHOGANY. Large double flowers of velvety mahogany-red. Late.

PURPLE & GOLD. Large double of rich violet purple with gold center.

SPECIAL OFFER No. 186D. 4 Japanese Irises, 1 each as listed above (value $3.00) for $2.50.

Delivery

All Hemerocallis, Iris and Peonies are shipped postpaid in U.S.A. if your order for these items amounts to $3.00 or over for shipment to one address. For orders of less than $3.00, add 35c for postage and handling charge. (No orders are shipped C.O.D.)

Vaughan's Peonies

PEONY THERESE

PEONIES, especially the modern introductions, are probably the most valuable, and most beloved of all perennial plants. Planted in sun or semi-shade in single clumps or long beds; or bordering lawns, shrub rows, and drives, they give a grand display of large fragrant blossoms of brilliant colors during June, followed by their exquisite foliage which is very ornamental during summer months. They are also most effective for home and table decorations, and last longer in water than many other perennials. Avoid buying cheap Peonies; they require just as much care as the better kinds, and are disappointing in the end.

Peonies may be planted from September first until May. We offer Divided roots, having 3 to 5 eyes.

The figures following the varieties are the latest ratings given to them by the American Peony Society, based on a scale giving 10 points for perfection.

Light and Dark Pink

EDULIS SUPERBA. (7.6) Usually blooms for Decoration Day. The large flowers are a beautiful deep, vivid pink, and are borne profusely on tall, strong stems. One of the most fragrant of all Peonies and one of the best for cut flowers in its color and season. $1.25.

HANSINA BRAND. (9.1) A flower of beautiful form and really giant size. Color deep flesh pink, shading darker at the base of the petals with a salmon reflex. Resembles Solange but has a better stem and flowers that always open. Late. $3.25.

MARTHA BULLOCK. (9.1) A real peony aristocrat, gigantic in size and exquisitely beautiful. Its immense cupped shaped flowers of bright old-rose pink are often 9 to 12 inches in diameter and are held well above the foliage on tall, stout stems. Rose-like fragrance; late. As a garden variety, or as a cut-flower or show variety, this one is hard to beat. $2.00.

MONS. JULES ELIE. (9.2) By many considered most beautiful of all Peonies. See page 2 for description. $1.50.

MRS. F. D. ROOSEVELT. (9.3) It is a strong grower and a dependable, free bloomer. Flowers double with extra long loose petals of soft rose-pink. A wonderful variety that competes with Tourangelle for the honor of being called "The world's most beautiful Peony." $3.00.

MYRTLE GENTRY. (9.1) Immense flowers of perfect rose form and wonderful substance on stiff stems. Color beautiful light pink, changing to rosy white, with tints of flesh and salmon. Tea rose fragrance. Late midseason. Often called "the perfect peony" for it has no faults and has all you could wish for in a flower. $2.00.

REINE HORTENSE (PRESIDENT TAFT). (8.7) One of the finest Peonies in our Nursery. A vigorous, strong grower, a profuse bloomer, and an excellent cut-flower variety, cut blooms lasting a week or more. Its flowers are among the largest of any variety that we grow and the color is a beautiful uniform light pink, center flecked crimson. Mid-season. A consistent prize winner at shows. $1.25.

SARAH BERNHARDT. (9.0) One of the largest and most beautiful of all pink Peonies. See page 2 for description. $1.50.

THERESE. (9.5) A wonderful Peony of perfect habits with immense blooms that are truly splendid in form, texture and color. Enormous petals of pale, translucent, old-rose-pink, paling toward the base and illumined by a golden yellow glow in the depths. Early midseason. $2.25

LIGHT AND DARK PINK—Continued

WALTER FAXON. (9.3) Ranked by Mrs. Harding with Solange and LeCygne as the three finest peonies. "Here is the most delectable hue of pink displayed by any of the peonies outside of the tree peonies," she writes. It is a free-blooming variety and grows strongly. Should be cut and allowed to open in the house where it will last for days in increasing beauty. Fragrant. Midseason. $1.75.

DELUXE PEONY COLLECTION

Six of the world's finest varieties

9.4 LeCygne, white. 9.1 Myrtle Gentry, pink. 9.2 Philippe Rivoire, red. 9.5 Therese, pink. 9.0 Longfellow, red. 9.3 Mrs. F. D. Roosevelt, pink, one each of above (value $14.00) for $11.50.

Red and Crimson Sorts

FELIX CROUSSE. (8.4) Its large, globular flowers, solid and compactly built from edge to center, are a rich, even, brilliant, dazzling ruby-red. Late midseason. $1.25.

GROVER CLEVELAND. (8.2) Large, compact flowers of rich bright crimson on stiff stems. It has excellent foliage and is one of our most desirable, late midseason reds. $1.25.

KARL ROSEFIELD. (8.8) Huge ball-like flower of rich velvety-crimson. Very brilliant and striking. We consider it the best all-round red Peony. Early midseason. $1.25.

LONGFELLOW. (9.0) Perhaps the most brilliant of all the red peonies, as striking in the garden as in the showroom. It blooms in early midseason, has excellent foliage and strong, stiff stems. Very popular on account of its dependability and its vivid fadeless color. $1.75.

MARY BRAND. (8.7) A vivid crimson of huge size always found among the winning reds in flower shows. It comes into bloom in midseason and the flowers last a long time and hold their color perfectly in the sun. An excellent variety for the garden or for cut-flowers. $1.50.

MONS. MARTIN CAHUZAC. (8.8) Medium sized, globular blooms. Dark purple-garnet with black reflex. The darkest peony known. Midseason. $2.00.

PHILIPPE RIVOIRE. (9.2) Very dark crimson with velvety sheen. Perfectly formed, cup-shaped flowers with incurved center; delightfully fragrant; late. It is distinctly different and is the most beautiful and highest rated of all red Peonies. $2.50.

RICHARD CARVEL. (8.8) Large globular flowers, all one shade of bright crimson. See page 2 for description. $1.50.

OLD FASHIONED EARLY RED PEONY
Officinalis Rubra Plena

This is the early, rather dwarf "Piney" that is usually in bloom for Decoration Day. The flowers are a brilliant red unequalled in other varieties. **$1.50.**

White and Light Varieties

BARONESS SCHROEDER. (9.0) One of our finest Peonies See page 2 for description. $1.50

FESTIVA MAXIMA. (9.3) An old variety which Mrs. Edward Harding says, "should be in every garden, large or small, lavishly arrayed or economically furnished." Flowers white, dotted carmine, are often 7 to 8 inches in diameter. Very fragrant. Early. $1.25

KELWAY'S GLORIOUS. (9.5) An extremely large flower, full of glistening white petals, the outer edges of which are slightly crinkled and curved inward. Very fragrant. Late midseason, $3.00.

LE CYGNE. (9.4) (The Swan). "One of the three finest peonies," says Mrs. Harding. The curving petals of this magnificent flower are arranged like the feathers on a swan's wing. "Symmetrical, globular, of great size, fragrant, free-blooming, and milk-white," continues Mrs. Harding. "Le Cygne stands by itself." Early midseason. $2.50.

MME. DE VERNEVILLE. (7.9) Very full and double pure white, center tinted blush. Exquisite rose fragrance. Very beautiful reliable bloomer; Early. $1.25

PRIMEVERE. (8.6) "Finest of the yellow herbaceous peonies and one of the most fragrant," says Mrs. Harding. "Striking and ornamental in the garden, it is still more satisfying as a cut flower. Then its color is safely guarded, and its perfume fully enjoyed. Midseason. $1.75.

SOLANGE. (9.2) Its flower is high built, compact, and composed of large, thick petals which closely overlap. The color is deep cream, tinged with amber throughout, with a touch of soft, salmon-pink glowing from its heart. Late. $1.50.

UNNAMED PEONIES TO COLOR DOUBLE PINK, DOUBLE RED, OR DOUBLE WHITE. 3 to 5 eye divisions $1.00 each.

3 EXTRA FINE PEONIES, $2.75. One each Edulis Superba (pink), Felix Crousse (ruby-red), and Mad. de Verneville (white) (value $3.75) for $2.75. Add 35c for postage and handling if order is under $3.00.

Japanese and Tree Peonies

TREE PEONIES

Rare shrub-like plants. They are hardy, free blooming, have rich coloring and thrive in an average soil in part or full sun. They should be mulched the first winter Plants offered are in 5 inch pots

FLORA. Pure transparent white; immense flower of Japanese type. A great favorite. $7.00.

REINE ELIZABETH. One of the best of the double-flowered varieties. Very large, bright salmon-pink; free flowering. $5.00.

SOUV. DE DUCHER. Large, globular bloom; bright reddish violet with silvery reflex. $5.00.

SOUV. DE MAXIME CORNU. Enormous flowers 8 inches or more across, with wrinkled petals of deep yellow, heavily shaded orange; fragrant. $10.00.

TREE PEONY COLLECTION
One each of the above four Tree Peonies (value $27.00) for $22.50.

JAPANESE FLOWERED PEONIES

These are entirely without pollen. The inner petals are a mass of filaments surrounded by a guard of petals.

AMA-NO-SODE. (9.2) Considered by many the handsomest pink Japanese peony. The flowers are large, of bright rose, shading lighter toward the edge of the petals. $2.75.

GOLD MINE. (8.2) Cup-shaped flowers of dark rose-pink with deep golden center. A profuse bloomer. Midseason. $1.25.

MIKADO. (8.6) Guards velvety crimson forming a cup enclosing a filigree cushion of crimson petaloids, edged and tipped gold. $1.50

TORO-NO-MAKI. (9.0) Very large lilac-white with amber yellow center. Spectacular and very beautiful. $2.75.

JAPANESE PEONY COLLECTION
One of each of above four Japanese peonies (value $8.25) for $7.00.

Daylilies - Hemerocallis

The modern Day Lilies have been greatly improved and are now one of the most popular perennials for midsummer bloom. Their lily-like flowers are of wonderful coloring, from creamy yellow to deep orange, pink, red, purple and lovely blends. Perfectly hardy, they require only a minimum of care, and will grow and thrive anywhere, except in very deep shade or wet locations. Plant as early as possible in fall, and in cold climates use a COARSE mulch only the first winter. Winter protection is not necessary thereafter, except on those of evergreen habit. Daylilies bloom in June, July and August with most of them coming in midseason. Time of bloom indicated by E. early, M. midseason and L. late.

NOVELTIES

EVELYN CLAAR. 2½-3 ft. A broad petaled, deep salmon pink with a silvery sheen and a yellow flush near the center of the flower. It is very sun resistant and a strong grower with blue green foliage. A must for your garden. Top winner in the 1955 Popularity Poll of the Hemerocallis Society. EM. $5.00.

NARANJA. 3 ft. One of our very finest Daylilies. A gorgeous shade of solid golden orange in lightly ruffled, 7 inch amaryllis-formed blooms. Evergreen ML. $3.00.

POTENTATE. 3½ ft. A rare color gem, a self with petals and sepals of luminous pansy red-purple with a distinct satiny sheen. Even the stamens and pistils are done in purple. Reblooms. Top winner in the 1954 Popularity Poll. ML. $4.00.

NOVELTY COLLECTION. One each of Evelyn Claar, Naranja and Potentate (value $12.00) for $8.95.

NEWER VARIETIES

CABALLERO. 3 ft. Very popular, gay brilliant bicolor with rose vermilion petals and alternating golden yellow sepals and throat. Large, lily-like flowers up to 5 inches. Evergreen. EM. $1.00; 3 for $2.50.

COLONIAL DAME. 3 ft. A Queen of exceptional beauty. Large, wide open, ruffled flowers of warm apricot with rosy tan banding above a bright golden throat. Remains open evenings; blooms in midseason and repeats in fall. $2.50; 3 for $6.00.

DUCHESS OF WINDSOR. 2-2½ ft. Wide petaled blooms of deep cream shading to soft golden yellow with rose tinted throat. M. $1.25; 3 for $3.00.

GARNET ROBE. 3 ft. Rich glowing garnet-red with a deep yellow-green throat. It is tops in its color class and is an exceptionally good performer in all parts of the country. Evergreen. M. $1.50; 3 for $4.00.

HESPERUS. 3½-4 ft. A magnificent deep lemon yellow with large 6 to 7 inch blooms of splendid form and substance. M. $1.25.

HYPERION. 3-3½ ft. Not new, but still one of the finest of all Daylilies. Giant amaryllis-like flowers of citron yellow; delightfully fragrant. M. $1.00; 3 for $2.50.

MOROCCO RED. 3 ft. Brilliant flower of velvety Morocco red extending to the heart of the flower, leaving a very small orange cup. ML. $1.00; 3 for $2.50.

ORANGE BEAUTY. 3-3½ ft. Large 5½ inch flowers of extra fine form, heavy substance and long season of bloom. Color pure deep golden orange self. Very fragrant. Top winner in the 1953 Popularity Poll. M. $2.50.

PAINTED LADY. 3 ft. Gigantic 8 inch flowers with wide ruffled petals of cinnamon brown and yellow with darker veins and a coral throat. M. Evergreen. $1.75; 3 for $4.50.

PINK CHARM. 3½ ft. Beautiful large star-like flowers with recurved petals of coppery rose-pink with a light yellow center. ML. $1.25; 3 for $3.00.

PURPLE WATERS. 3 ft. Nicely shaped, 4½ to 5 inch blooms of rich wine red purple, with lemon yellow throat. Has long season of bloom. Semi-evergreen. EM. $1.00; 3 for $2.50.

QUEEN ESTHER. 3 ft. The 5-inch brilliant, velvety crimson flowers do not fade in the hot sun and they stay open evenings. Has more blooms to the scape than most any other variety. ML. $1.25; 3 for $3.00.

CHAMPION COLLECTION. One each of Caballero, Duchess of Windsor, Hyperion, Morocco Red, Pink Charm and Purple Waters (value $6.50) for $4.85 postpaid.

DELUXE COLLECTION. One each of Colonial Dame, Garnet Robe and Painted Lady (value $5.75) for $4.50 postpaid.

STANDARD VARIETIES

Price of following varieties, 75c; 3 for $2.00.

AUREOLE. 2 ft. Deep orange with bronze reverse. E.

KWANZO FLORE PLENO. 3 ft. The old-fashioned double daylily with showy coppery red and gold flowers. M.

LINDA. 3 ft. A ruffled flower of amber yellow lightly washed with rosy pink shades. Beautiful deep rose eye zone. M.

MARY GUENTHER. 3 ft. Our favorite bicolor with outstanding colors of brilliant carmine-red and clear yellow. Evergreen. EM.

MARGARET PERRY. 3½ ft. Brilliant orange scarlet lined with yellow. A most attractive variety. M.

MIKADO. 3 ft. Rich orange yellow with deep mahogany red throat. Good evenings. Fragrant. M.

OPHIR. 4 ft. Produces quantities of giant, waxy golden yellow blooms up to 5 in. across. Very fragrant. M.

SPECIAL OFFER 19B. One each of the above 7 Hemerocallis (value $5.25) for $4.00 postpaid.

Ornamental and Flowering Shrubs

HYDRANGEA Paniculata Grandiflora

SPIRAEA Van Houttei (Bridalwreath)

BARBERRY (Berberis)

GREEN LEAVED BARBERRY (B. THUNBERGI). 4 ft. Popular hedge plant. Scarlet berries in fall and winter. 18 to 24 in., $1.00; 3, $2.25; 10, $7.00; 100, $65.00.

RED-LEAVED BARBERRY (B. THUN. ATROPURPUREA). 4 ft. The foliage is a rich, bronzy red all summer. Plant in full sun to develop its coloring. 18 to 24 in., $1.25; 3 for $3.45; 10 for $9.00.

BEAUTYBUSH (Kolkwitzia Amabilis)

6 to 8 ft. A graceful shrub that is well named, for it is one of the most beautiful in our Nursery. It makes a wonderful showing in June when its long arching branches are usually completely covered with masses of pink snapdragon-like flowers. A hardy and reliable shrub for better home and landscape plantings. 2 to 3 ft., $1.75; 3 for $4.95. 3 to 4 ft., $2.00; 3 for $5.55.

BRIDALWREATH (Spiraea)

S. VAN HOUTTE. 5 to 6 ft. One of the most beautiful and useful shrubs. 2 to 3 ft., $1.25; 3 for $3.45. 3 to 4 ft., $1.35; 3 for $3.75.

BURNING BUSH

(EUONYMUS ALATUS COMPACTA) 18 to 24 in. $3.00; 3 for $8.25. See page 1 for picture and description.

COTONEASTER

ACUTIFOLIA PEKING COTONEASTER. (5 to 10 ft.) Small leathery leaves of rich glossy green on willowy brown branches closely set with small pink flowers in May; jet black berries in fall. It is a beautiful shrub and makes one of our finest hedges, due to its upright growth and adaptability to dry situations. Can be trimmed like Privet. Recommended in the North where hedge plants must be extremely hardy. 2 to 3 ft., $1.35; 3 for $3.75; 3 to 4 ft., $1.50; 3 for $4.20

DIVARICATA. 5 ft. Low growing, much branched shrub excellent for hedges of medium height. Foliage small and round, highly polished dark green. Small, red fruits add to its beauty. Very choice. 2 to 3 ft., $2.00; 3 for $5.55.

DOGWOOD (Cornus)

REDTWIG DOGWOOD (C. ALBA SIBIRICA). 6 to 10 ft. Bright coral-red branches. 2 to 3 ft. $1.35; 3 for $3.75; 3 to 4 ft. $1.50; 3 for $4.20.

GOLDENTWIG DOGWOOD (Stolonifera Flaviramea) 6-10 ft. A variety with golden yellow bark, very attractive. Planted in masses with the red-barked varieties, an effective and striking contrast may be secured. Hardy, 2 to 3 ft., $1.35; 3 for $3.75.

FIREBUSH OR FLOWERING QUINCE

CYDONIA JAPONICA. 4 to 5 ft. Brilliant orange-scarlet flowers in April, followed by yellowish green, quince-shaped, fragrant fruits. 2 to 3 ft. $1.35; 3 for $3.75.

GOLDEN BELL (Forsythia)

SHOWY BORDER GOLDEN BELL (F. INT. SPECT.) 6 to 8 ft. Its large, rich, yellow blossoms completely cover the wide spreading branches in early spring. 2 to 3 ft. $1.35; 3 for $3.75; 3 to 4 ft. $1.50; 3 for $4.20; 10 for $13.00.

SPRING GLORY. 5 to 8 ft. The loveliest of all Golden Bells and the most prolific, its attractive large pale yellow flowers completely covering the bushes in early spring. 2 to 3 ft. $1.65; 3 for $4.65; 3 to 4 ft. $2.00; 3 for $5.55.

HAMAMELIS (WITCHHAZEL)

WINTER-BLOOMING (HAMAMELIS VERNALIS). *5 to 6 ft.* Blossoms as early as January and will continue to bloom for a long time, opening during the mild weather and closing when the temperature drops. The flowers come in profusion, have a spicy fragrance, and vary from bright yellow to shades of old gold, reddish brown and maroon. It gives the best results when planted in a sheltered place well open to the winter sun. 2 to 3 ft., $2.50.

HONEYSUCKLE (Lonicera)

BUSH HONEYSUCKLE. 9 to 10 ft. One of our best shrubs for screen and border plantings. Pink, Red or White. 2 to 3 ft., $1.25; 3 for $3.45. 3 to 4 ft. $1.50; 3 for $4.20.

ZABEL RED H. (L. KOROLKOWI ZABELI). 10 ft. A dense upright growing shrub. This variety produces a grand display of red flowers in spring followed by red fruits in summer. It is probably the darkest colored bush honeysuckle. 2 to 3 ft., $1.45; 3 for $4.05. 3 to 4 ft., $1.60 each; 3 for $4.50; 10 for $13.50.

HYDRANGEA

PEEGEE HYDRANGEA (H. PANICULATA GRANDIFLORA). 8 to 10 ft. Immense panicles of bloom a foot long, white turning to rose, commencing to bloom in August. 18 to 24 in., $1.50; 3 for $4.20.

SNOWBALL HYDRANGEA (H. ARBORESCENS GRANDIFLORA). 4 ft. Large flat heads of snow-white flowers in June and July. Thrives in shade, 18 to 24 in. $1.50; 3 for $4.20. 2 to 3 ft., $1.75; 3 for $4.95.

LILAC SPECIES

COMMON PURPLE LILAC (SYRINGA VULG. PURPUREA). 12 to 15 ft. The old-fashioned Lilac. It is hardy and vigorous, endures neglect and blooms abundantly. Purple flowers early in May. 2 to 3 ft., $1.50; 3 for $4.20; 10 for $12.00. 3 to 4 ft., $1.60; 3 for $4.50; 10 for $14.00.

PERSIAN PURPLE (SYRINGA PERSICA). 8 to 10 ft. The most graceful and freely flowering of the Lilacs and one of the most beautiful hedge and screen plants in existence. The leaves are long and narrow; the branches drooping and willowy; and the purple-lavender flowers, in loose panicles, come in such profusion that they completely cover the plants. 2 to 3 ft., $1.55; 3 for $4.35; 10 for $12.25. 3 to 4 ft., $1.60; 3 for $4.50; 10 for $14.00.

MOCK ORANGE (Philadelphus)

COMMON MOCK ORANGE. 7 to 10 ft. The free flowering single white found in the old-fashioned gardens; of rapid growth, forming a large bush. 2 to 3 ft., $1.50; 3 for $4.20. 3 to 4 ft., $1.60; 3 for $4.50.

MINNESOTA SNOWFLAKE. (Pat. No. 538). 8 ft. This lovely mockorange produces a profusion of pure snow-white flowers that are extremely double and intensely fragrant. It is very hardy, vigorous, bushy, has good foliage and is excellent for specimen plantings. 2 to 3 ft., $1.75; 3 for $4.95. 3 to 4 ft., $2.00; 3 for $5.55.

VIRGINALIS. 7 to 8 ft. One of the most beautiful shrubs grown. In June the plants appear as a huge bouquet being completely covered with large double or semi-double crested flowers that are pure white and sweet-scented. It has a long blooming period, the new wood producing throughout the summer. Large single or semi-double flowers, often 3 inches wide. 2 to 3 ft., $1.65; 3 for $4.65. 3 to 4 ft., $1.75; 3 for $4.95; 10 for $15.50.

NINEBARK (Physocarpus)

P. OPULIFOLIUS NANA. 5 ft. One of our finest low-growing hedge plants. Dense, upright growth, it requires little shearing. The leaves are small, three to five lobed, and in color are dark, glossy green. Ideal for growing in shady places or in full sun. 2 to 3 ft., $1.50; 3 for $4.20; 10 for $12.00.

PRIVET HEDGE (Ligustrum)

AMUR PRIVET (L. AMURENSE). 12 ft. One of the best hardy hedge plants. May be sheared to any extent. 18 to 24 in., 10 for $3.25; 100 for $27.50. 2 to 3 ft., 3 for $1.75; 10 for $4.00; 100 for $35.00.

PRUNUS

PRUNUS TRILOBA (Double Flowered Plum) Native of China. Similar to the old favorite Flowering Almond, but more hardy. Flowers double, delicate pink, an inch or more in diameter, appearing in profusion on the long slender branches before the leaves unfold. A choice, beautiful shrub that needs no winter protection. 2 to 3 ft., $2.00; 3 for $5.55.

JETBEAD (Rhodotypos)

4 to 5 ft. This handsome useful shrub will thrive in dry, shaded locations, in smoky cities, under trees and on the north side of buildings. Single white flowers like mockorange blossoms, borne in May, are followed by shiny black berries which persist throughout the winter. 2 to 3 ft., $1.75; 3 for $4.95.

ROSA MULTIFLORA—FENCE ROSE

6 to 8 ft. The white or light pink flowers mature into bright red berries which attract game and song birds. The shrub is armed with sharp thorns and makes a stock tight hedge as wide as tall. Seedlings. 12 to 15 in., ¼ in. caliper at crown, 10 for $2.00; 25 for $4.00; 50 for $7.00; 100 for $12.00; 500 for $50.00

MOCK ORANGE Virginalis

WINTERCREEPER (Euonymus Vegetus)

SHRUBS—Continued

EVERBLOOMING SPIRAEA

SPIRAEA FROEBELI. 3 ft. Round, flat clusters of rosy-pink flowers from June to October. Beautiful foliage all season. One of our best low growing shrubs for general use and for flowering hedges. 18 to 24 in. $1.35; 3 for $3.75.

SYMPHORICARPOS

CHENAULTI (Coralberry) 4-6 ft. Small, dainty white flowers in early summer are followed by bright coral red fruits that cluster along the stem and usually remain all winter. Does best in partial shade. Hardy. 3 to 4 ft., $1.50; 3 for $4.20.

VIBURNUM

GARDENIA-SCENTED SNOWBALL (V. BURKWOODI). 5 ft. Fast growing, semi-evergreen and bears its very fragrant, waxy, pinkish-white flowers in round, domed clusters in early spring. Glossy green foliage brilliantly tinted in autumn. 18 to 24 in., $3.75.

OLD-FASHIONED SNOWBALL (V. OPULUS STERILE). 8 to 10 ft. Large balls of white flowers in May. 2 to 3 ft. $1.50; 3 for $4.20. 3 to 4 ft., $2.00; 3, $5.55.

EUROPEAN CRANBERRYBUSH (V. OPULUS). 10 ft. Showy, cranberry-like berries in fall and early winter. 3 to 4 ft. $2.00; 3 for $5.55.

WAYFARING TREE (VIBURNUM LANTANA). 15 ft. Large robust shrub with soft, heavy leaves, silvery beneath. Clusters of white flowers in May succeeded by red fruit, turning black in autumn, retains its foliage very late. 3 to 4 ft., $2.00; 3 for $5.55.

WEIGELA ROSEA

Weigelas bloom after lilacs, in June and July. They make a strong growth, erect when young, gradually spreading into most graceful shapes with age. The variety Rosea flowers a pleasing rosy pink, the trumpet shaped blooms borne in clusters along the branches. They prefer a moist soil and shape up best when not crowded, otherwise their culture is simple. 2 to 3 ft. $1.65; 3 for $4.65.

WINTERCREEPER (Euonymus)

BIGLEAF W. or EVERGREEN BITTERSWEET. (E. RAD. VEGETUS). Evergreen trailer with round, thick leathery leaves; gorgeous orange berries in winter. Very hardy; does well in sun or shade. Handsome among evergreens or as a ground cover or will climb on brick or stone. Illustrated above. Strong pot-grown plants, 10 to 15 in., $1.75; 3 for $4.50.

PURPLELEAF WINTERCREEPER (E. RADICANS COLORATA). Named for its winter foliage. Plant an excellent ground cover; glossy green in summer. 2½ in. pots, $1.25; 3 for $3.00; 10 for $9.00.

DELIVERY

We pay postage on vines, smaller fruits, and shrubs up to 2 and 3 ft., if the order for these items amounts to $3.00 or more.

Trees, and shrubs 3 to 4 ft. and larger are sent via express—you pay the charges, as this cost is not included in our prices. For orders of less than $3.00, include 35c handling charge.

Trees and shrubs are usually in condition for transplanting about October 20th, in the vicinity of our nursery. Shipment of these items will begin at approximately that date and will continue until the ground freezes too deep to work.

Ornamental Trees

The following items are not prepaid and will be shipped by express collect.

FLOWERING CRAB (Malus)

ALMEY. 10 to 15 ft. Huge dollar size blooms of glistening, fiery crimson with white star-like markings at base of each petal. Small scarlet fruits cling to the branches long into the winter. This vigorous, fast growing tree usually blooms the second year after planting and is really sensational. 4 to 5 ft., $4.50.

BECHTEL'S DOUBLE FLOWERING CRAB. 10 to 15 ft. Trees of medium size are covered in early spring with large, beautiful, double fragrant flowers resembling small roses of a delicate pink. 4 to 5 ft., $4.50; 3 for $12.75.

ROSE FLOWERING CRAB (M. HOPA). 15 to 20 ft. Very hardy and one of the most beautiful of all flowering trees. Produces quantities of very large, deep rose-colored flowers followed by large edible fruits; distinctly red fleshed. 4 to 5 ft., $3.50.

ELM (Ulmus)

CHINESE OR SIBERIAN ELM (U. PUMILA). 75 ft. On account of its rapid growth, and ability to thrive in almost any situation, this is one of the most popular trees in America.

Approx. Ht.	Caliper	Each	Three
8 to 10 ft.	1¼ to 1½ in.	$7.50	$21.45

CHINESE ELM HEDGING

ULMUS PUMILA. It forms a beautiful, dense, impenetrable hedge with small dark green foliage. It can be kept low-growing and clipped, or can be used where immediate screening effects are desired. For hedge purposes, plant seedlings 12 to 18 inches apart. 2 to 3 ft. seedlings, not transplanted, 10, $2.00; 50, $7.50; 100, $13.50.

MAPLE (Acer)

SILVER MAPLE (ACER DASYCARPUM). 75 ft. A rapid growing maple with deeply cut, bright green leaves that are silvery beneath, coloring very well in fall. A large tree that adapts itself to almost any condition. 1¼"–1½", $6.50; 3 for $18.45.

NORWAY MAPLE (ACER PLATANOIDES). 50 to 75 ft. A large and handsome tree with spreading branches, and compact, round head. Broad, dark green foliage, fading with tones of yellow and gold in autumn. 8 to 10 ft., 1 to 1¼ in. caliper $7.00.

CRIMSON KING MAPLE. See Page 1 for picture and description. 7 to 8 ft. whips $8.50.

MORAINE LOCUST

See Page 1 for picture and description. 5 to 6 ft., $6.00; 7 to 8 ft., $10.00.

EVERGREENS

We offer an extensive listing of Evergreens; pyramidal, globular and spreading types. These are included in our Nursery Price list

QUINTUPLET APPLE TREE

5 KINDS OF APPLES ON ONE TREE. This is the ideal tree for the small yard, 5 different varieties are grafted on the main stock of one tree, which will give you good apples for summer, fall, and winter. 2-year, 4 to 5 ft., 9/16 in. caliper $3.95 each; 3 for $11.25.

GARDENIA-SCENTED SNOWBALL

Vines

VINES FOR FALL PLANTING

To make a green canopy over pergolas, clothe bare walls with beauty, adorn trellises, transform fences into walls of green, and for many other purposes, hardy climbing vines are useful in the garden. We list varieties of proved merit, among which will be found subjects suitable for any of the uses mentioned.

BITTERSWEET (Celastrus Scandens)

A native climbing or twining plant with handsome large leaves; yellow flowers in May and June and clusters of ornamental orange-capsuled fruit in autumn. Succeeds well in shade. We recommend planting 2 or more in a group. 2 yr., $1.25; 3 for $2.75; 10 for $8.00.

CREEPER (Ampelopsis)

BOSTON IVY (A. TRICUSPIDATA OR VEITCHEI). The grandest hardy climbing vine in existence for covering houses, churches, schools, etc. Its glossy, ivy leaves overlap each other, and its long delicate young shoots stretch up the walls with free and rapid growth. The tendrils at nearly every point cling firmly to the smoothest surface of rock or brick. 2 year, $1.25; 3 for $3.00; 10 for $8.50.

LARGE-FLOWERING CLEMATIS

L. CANDIDA. Lovely giant pure white flowers produced throughout the summer. **$1.75.**

JACKMANI. This variety, with its strong, healthy growth, hardy nature and rich, deep velvety purple flowers, is the most satisfactory of its class. Blooms with astonishing profusion. **$1.75.**

ERNEST MARKHAM. Very striking, large crimson-red flowers with a velvety sheen. **$2.00.**

GOLD MEDAL COLLECTION. One each Jackmani, Ernest Markham and L. Candidum, 2-year for $4.50.

GRAPES

Price, 2 yr. No. 1 each, 85c, 3 of one kind for $1.95; 10 for $5.25.

CACO (RED). The most beautiful of the hardy grapes. Bunches large and compact, fruit sweet and palatable weeks before fully ripe.

CONCORD (BLACK). The most popular grape in America. Large, handsome bunches of large, luscious berries; juicy, sweet and tender.

FREDONIA (BLACK). The earliest good black grape, ripening about three weeks before most varieties, Clusters medium; berries large, of very good quality.

PORTLAND (WHITE). This is the earliest of all grapes. Large in bunch and berry; flesh sweet, juicy and of fine color. Hardy, vigorous, productive.

SPECIAL OFFER No. 216D. One each of grapes Caco, Concord, Fredonia and Portland 2 yr. (value $3.40) for $2.45.

VAUGHAN'S NURSERY PRICE LIST

Listing our complete assortment of ornamental shrubs, shade trees, small fruits, and fruit trees will be sent free on request. Ready about October 1st.

Hardy Perennial Plants for Fall Planting

HARDY perennials may be set out this fall in time to become well established before winter sets in; and next year will see them better developed, and bearing finer flowers than can be obtained from plants set in your border next spring.

We do not list the kinds which need special protection through the winter. It is always well to apply a light mulch of straw or excelsior over newly planted perennials after the ground has frozen. This will tend to prevent winter thaws and frost heaving.

No orders for Perennial Plants accepted for Fall delivery after OCTOBER 5th.

ALYSSUM. (Rock Madwort) Saxatile Compactum. Bright yellow. Basket of gold. **Plants,** 3 for $1.60; 10 for $4.85.

AQUILEGIA Columbine

COLUMBINE (Aquilegia). Crimson Star. Striking crimson with white corola. **Plants,** 3 for $1.60; 10 for $4.85.

Mrs. Scott Elliott Hybrids. Very long spurred, mixed colors. **Plants,** 3 for $1.60; 10 for $4.85.

ARABIS (Rock Cress). Alpina. 6". June. Pure white. **Plants,** 3 for $1.60; 10 for $4.85.

ARTEMESIA (Southern Wood). Silver King. 2½'. Silver gray foliage. Fine for cutting and landscaping. **Plants,** 3 for $1.60; 10 for $4.85.

ASTERS. Beachwood Challenger. 3-4'. Sept.-Oct. Brilliant crimson red. **Plants,** 3 for $1.80; 10 for $5.50.

Harrington's Pink. Very stately. Almost double. **Plants,** 3 for $1.80; 10 for $5.50.

Mt. Everest. Best pure white. 3-4 ft. **Plants,** 3 for $1.80; 10 for $5.50.

The Archbishop. A large flowering semi-double bluish-purple Aster 3-4 ft. high. **Plants,** 3 for $2.00; 10 for $6.25.

CARNATION GRENADIN (Hardy Carnation) 20". All summer. Cardinal. Bright scarlet. **Plants,** 3 for $1.40; 10 for $4.25.

Innocence. Pure white. **Plants,** 3 for $1.40; 10 for $4.25.

Rose Queen. The best pink. **Plants,** 3 for $1.40; 10 for $4.25.

COREOPSIS (Tickseed) Double Sunburst. 2-2½'. All summer. A striking golden yellow. **Plants,** 3 for $1.60; 10 for $4.85.

CHRYSANTHEMUM MAXIMUM (Shasta Daisy). Alaska. 2'. All summer. Large white. 3 for $1.60; 10 for $4.85.

Mount Shasta. 2'. All summer. Pure white. High crested. Fully double. **Plants,** 3 for $2.50; 10 for $7.50.

Please add 10% to cover postage and packing on all orders for plants.

DELIVERY GUARANTEE

We guarantee that all perennial plants are properly matured for use of the home gardener and that they will reach the customer in good condition.

Any complaint as to quality or condition of plants must be made at once upon receipt of shipment, and letter accompanied by packing sheet.

Check your order carefully before mailing. It is almost impossible to make changes on orders after they have been placed in process of filling.

PLEASE REMEMBER that a plant is a living organism, it feeds, drinks and breathes and must be cared for accordingly.

DELPHINIUM Pacific Giants

HARDY DELPHINIUMS (Pacific Giants)

Round Table Series. As the name implies, this represents all of the color combinations mixed. Strong 1 year plants. Price 3 for $1.95; 10 for $6.00.

Belladonna Improved Cliveden Beauty. 2 ft. June-July. Exquisite turquoise blue. 3 for $1.50; 10 for $4.50.

Bellamosum Improved. Large deep blue flowers uniform in color, with a white bee. Blooms 2½ inches across. 3 for $1.50; 10 for $4.50.

DIANTHUS WINTERI. The most beautiful pink grown. Its large dollar-size single flowers are borne in great abundance on good, long stems, in the most delightful pure colors and each flower has a beautiful carmine ring in the center. 12-18 inches. May-June. Excellent for cutting. Exceeds all other Pinks in beauty and value. **Plants,** 3 for $2.50; 10 for $7.50.

DICENTRA (Bleeding Heart). Spectabilis. Pink. 18-24". June. True old fashioned variety. **Plants,** 3 for $2.65; 10 for $8.00.

DICENTRA Spectabilis

FUNKIA (Plantain Lily).

Glaucia. 3'. Aug. Large blue-gray leaves. Blue flowers. **Plants,** 3 for $2.25; 10 for $7.00.

Subcordata Gr. Fl. Large pure white flowers. Very fragrant. **Plants,** 3 for $2.75; 10 for $8.25.

Undulata Medio Variegata. Variegated foliage. Blue flowers. **Plants,** 3 for $2.25; 10 for $7.00.

GAILLARDIA (Blanket Flower) 2'. All summer.

Dazzler. Very large, golden yellow. Maroon center. **Plants,** 3 for $1.60; 10 for $4.85.

Grandiflora Sun God. The best Gaillardia listed. Entire flower, petals and center, is pure golden-yellow. Straight sturdy 2 ft. stems. Good cut-flower and very useful in the perennial border. **Plants,** 3 for $2.00; 10 for $6.25.

GYPSOPHILA (Baby's Breath). Bristol Fairy. 2'. All summer. True double white. Most popular of all Gypsophila. **Plants,** 3 for $3.00; 10 for $9.00.

HOLLYHOCKS. Double Flowering Varieties. 5-7'. July-Aug. Red, pink, white, lilac, maroon, yellow. **Plants,** 3 for $1.40; 10 for $4.25.

HEUCHERA (Coral Bell) 1½-2'. All summer.

Brezoides. Profuse bloomer. Pink. **Plants,** 3 for $1.95; 10 for $6.00.

Pluie De Feu. Lovely coral red. **Plants,** 3 for $1.95; 10 for $6.00.

IBERIS (Candytuft). Gibraltarica. 8". May. Lavender. **Plants,** 3 for $1.60; 10 for $4.85.

LIATRIS (Kansas Gay Feather). September Glory. 2-3'. Aug.-Sept. Giant spikes of purple. **Plants,** 3 for $1.95; 10 for $6.00.

PLATYCODON (Balloon Flower). Japonicum Gr. Fl. 2'. June-Oct. Blue bell shaped flowers. **Plants,** 3 for $1.60; 10 for $4.85.

PYRETHRUM (Painted Daisy). Robinson Hybrids. 1½-2'. May-June. The best strain. Mixed colors. **Plants,** 3 for $1.60; 10 for $4.85.

RUDBECKIA (Coneflower). Purpurea. 3'. All summer Reddish purple. **Plants,** 3 for $1.60; 10 for $4.85.

SCABIOSA (Blue Bonnet). Caucasica. 2'. All summer. Isaac House Strain. Soft lavender. **Plants,** 3 for $1.60; 10 for $4.85.

STATICE (Giant Sea Lavender). Latifolia. 18". July-Aug. Dainty lavender flowers. **Plants,** 3 for $1.60; 10 for $4.85.

We prepay fertilizer orders within 25 miles of N. Y. City where orders amount to $10.00 or over.
Errata—Prices on fertilizers in our catalogue are F.O.B. Chicago.
Following are New York prices.

Vaughan's High Grade Fertilizers

These Prices Are Subject to Change Without Notice.

BONE MEAL. A special brand we have put up for our trade. It is ground fine, hence acts quickly. Free from acid and a superb article. It is made from bone accumulated in large slaughter houses, and should not be compared with the Bone Meal made from cattle heads and feet gathered upon the western prairies. Analysis: Nitrogen 3.7%; total phosphoric acid, 20%. Prices, 5 lbs., 95c; 10 lbs., $1.75; 25 lbs., $3.00; 50 lbs., $5.50; 100 lbs., $10.50.

Regular Bone Meal. 2.47% nitrogen, 20% phosphoric acid. 25 lbs., $3.00; 50 lbs., $5.00; 100 lbs., $9.00.

Cow Manure Dehydrated (Bovung). Manufactured by special process from selected fresh cleanings from cattle pens. There is no offensive odor, and when spread on lawn and garden it works down into the soil so that there is no refuse to blow about or be raked off when the growing season begins. 5 lbs., 50c; 10 lbs., 95c; 25 lbs., $1.75; 50 lbs., $2.50; 100 lbs., $4.50; 500 lbs., $20.00.

SHEEP MANURE. This is a pure, natural Manure, and its effect is immediate; it is excellent for mixing with the soil for greenhouse plants—one part manure and six parts soil. Strewn over and dug into the vegetable garden or placed directly in drills or hills, it promotes a rapid, steady growth until maturity. It makes the richest, safest and quickest Liquid Manure. For use in liquid form, one pound to five gallons of water will make a liquid which can be used with safety daily if necessary. 25 lbs., $1.75; 50 lbs., $2.50; 100 lbs., $4.50; 500 lbs., $21.00.

Activo. (Formerly called Bacto) Make your own fertilizer easy, quick—often in as little as three weeks. Just sprinkle on kitchen waste, leaves, garden rubbish, sewage sludge, etc. 5-pound bag makes up to a ton of rich, soil-building organic humus, better than manure. Sprinkle in outdoor toilets; reduces odors, makes easily-handled ash of waste. Prices, No. 2 size, about 2 lbs., $1.25; No. 7 size, about 7 lbs., $2.75; No. 50 size, about 50 lbs., $11.95; No. 100 size, $19.95.

Adco Artificial Stable Manure. Make it yourself, in your own garden. To each ton of straw, hay, cornstalks or dried leaves add 150 lbs. Adco to make four tons of fresh or three tons of rotted manure. Adco contains nothing injurious to health or harmful to animal or plant life. Shipments accompanied by full directions. Prices, 5 lbs., $1.50; 20 lbs., $3.50; 150 lbs., $20.00.

Agrico. Specially formulated for lawns, trees and shrubs. Provides ALL the needed plant foods—stimulating quick growth in early spring—providing slowly available plant food all season long. 6-10-4. Prices, 5 lbs., 55c; 10 lbs., 95c; 25 lbs., $1.70; 50 lbs., $2.65; 100 lbs., $5.00. (Prices subject to change.)

Agrico Garden Fertilizer. 5-10-5. 5 lbs., 55c; 10 lbs., 95c; 25 lbs., $1.70; 50 lbs., $2.40; 100 lbs., $4.55. (Prices subject to change.)

Agrico for Broadleaf Evergreens. Agrico for Broadleaf Evergreens not only supplies the right balance of all the needed plant foods, but one that also builds up soil acidity, which is essential for best growth. It is specially formulated to do both jobs properly. Apply Agrico for Broadleaf Evergreens in early Spring, at the rate of 3 lbs. per 100 sq. ft. For flowering plants, make a second application of 1 to 2 lbs. per 100 sq. ft., as soon as buds begin to appear. 10 lbs., $1.15; 25 lbs., $2.20; 50 lbs., $3.00; 100 lbs., $5.80. (Prices subject to change.)

Aluminum Sulphate. For creating acid condition in the soil. Prices, 5 lbs., 75c; 10 lbs., $1.30; 25 lbs., $2.75; 50 lbs., $3.90; 100 lbs., $4.85.

Ammonium Sulphate. 20.6% nitrogen. Prices, 5 lbs., 70c; 10 lbs., $1.25; 25 lbs., $2.75; 50 lbs., $4.75; 100 lbs., $7.00.

Blood, Dried. For top-dressing, for mixing with the soil, and for applying in liquid form, it is one of the best and safest nitrogenous fertilizers. It is splendid for roses, carnations, chrysanthemums and all kinds of pot plants. Prices, 5 lbs., $1.00; 10 lbs., $1.75; 25 lbs., $3.25.

Bulb Food. Potash where potash is needed (5-6-15). For Dahlias, Lily, Gladiola, etc. 5 lbs., 85c; 10 lbs., $1.35; 25 lbs., $3.00; 80 lbs., $8.75 each.

Farmanure. Nature's own fertilizer, is an ideal plant food combining poultry and cow manure with peat moss. Clean, soft and easy to use. 50 lb. bag will top dress 1000 square feet of lawn, or feed up to 500 square feet of garden area. Prices, 50 lb. bag, $2.95 each; 5 to 19 bags of 50 lbs., $2.50 each.

Transplanting **Terra-Lite** BRAND **VERMICULITE PLANT AID** New Lawns

The most talked-of product in gardening in years! Composed of countless tiny air cells, Terra-Lite vermiculite holds and releases air and moisture in just the right quantities. Not a fertilizer, but a superior growing medium—good for all these jobs:

Lightening Soil Starting Seeds Storing Bulbs

F-2042. Prices, ½ peck bag, 45c; postpaid 50c. ½ bushel bag, 90c, postpaid $1.25; 4 cu. ft. bag, $2.50. Shipped by express, charges collect.

DU PONT URAMITE

Now—A completely new kind of Nitrogen for Lawns and Gardens. . . .

Just one application of this new product of Du Pont research meets all the nitrogen needs of Lawns and Gardens for an entire season, "URAMITE" eliminates the frequent time-consuming feedings needed to produce mature plants. That's because just one application of non-leaching "URAMITE" releases nitrogen required for optimum plant growth all season long with complete safety. "URAMITE", 38% nitrogen, means new efficiency and economies—one bag provides nitrogen equivalent to six or eight bags of most fertilizers. It's odorless, free-flowing, clean and easy to apply.
50-bag bag $16.00 each. Express collect.

GROGANIC. Research has proved that plants respond to food elements which are found in both mineral and organic forms. Those derived from minerals are effective quickly, and in soil temperatures too low for bacterial activity. Organics become available to plants more slowly, and require warm soil and bacteria to release their food content completely.

By combining mineral and organic elements, long-lasting nutriment can be provided. Groganic contains no filler whatever. Bulk is provided by dried blood, fish scrap, castor pomace and vegetable meal, all relatively expensive, which break down slowly. Boron is added to correct acidity and manganese sulphate to prevent chlorosis (yellowing) in leaves. Chemical nitrogen, phosphorus and potash are added — all quick acting and stimulating growth in early spring.
The analysis of Groganic is 6-11-6, 6% nitrogen, 11% phosphorus, 6% potash. An application of 15 lbs. per 1,000 square feet will provide continuous feeding effective in 10 days and lasting 300 days. 5 lbs., 95c; postpaid, $1.25; 10 lbs., $1.45; postpaid, $1.95; 25 lbs., $3.25; 50 lbs., $5.60; 80 lbs., $7.65.

Hy-Gro. 13-26-13. The soluble plant food. The ideal plant food for starter solution and most economical way of feeding plants. 1 tablespoon to a gallon of water will feed 20 plants for six weeks. 3 oz., 40c; 1 lb., $1.10; 2 lbs., $1.40; 10 lbs., $6.50. (Prices subject to change.)

Hyponex Plant Food. For growing plants in sand, soil or water. One teaspoonful will make a gallon of complete plant food. 1 lb. will make 100 gallons. Prices, 3 ozs., 30c; 7 ozs., 50c; 1 lb., $1.00; 10 lbs., $8.00.

Muriate of Potash. Should be used liberally, especially for all root crops. 5 lbs., $1.00; 10 lbs., $1.75; 25 lbs., $3.00.

Miracle-Gro For All Garden Plants including roses, all flowers, all fruit trees and shade trees, all bushes, lawns, all vegetables, all berry plants, shrubs, vines and evergreens. Mix ONE tablespoon of Miracle-Gro to each gallon of clear water. 1½ lbs., $2.25; 5 lbs., $5.00. For best results, feed your plants once every 2 weeks.

Nitrate of Soda. 5 lbs., 70c; 10 lbs., $1.25; 25 lbs., $2.75.

Peat Moss, Granulated. (Irish when available). A moisture-retaining humus, an important aid in saving soil fertility, better than manure. Large bale each, $5.95, 5 for $27.50. (Prices subject to change.)

Plantabbs. The high analysis plant food tablet containing the proper amount of Vitamin B1. Prices, box of 30 tablets, 25c; box of 75 tablets, 50c; box of 200 tablets, $1.00; can of 1000 tablets, $3.50.

PLANTRONS

PLANTRONS produce amazing results and more economically too, because the unique 10 and 25 pound "PLANTRONS" ROTO-SPREADER packages (patent applied for) are also self dispensing units, and automatically distribute the PLANTRONS beads *at the proper rate of application.* There is no guessing, no measuring, no mixing. You merely slip off the outer protective cylinder, attach the sturdy handle, and proceed to roll the ROTO-SPREADER once over *every square foot* of the lawn. In that one coverage, this self-dispensing unit feeds the PLANTRONS beads evenly and in just the right amounts to your lawn or garden. It is as simple and tidy *as that.* A painstaking chore is reduced to a simple stroll over every square foot of the area to be fed, and the stroll is followed immediately by a thorough watering of the area you have covered.

4 oz.	$ .39, postpaid	$ .50
1½ lbs.	1.19, postpaid	1.35
5 lbs.	2.95, postpaid	3.25
10 lbs.	5.85, postpaid	6.25
25 lbs.	10.75, postpaid	11.50
50 lbs.	16.95, Express Collect	

RA-PID-GRO contains no inert materials (sand, cocoanut shells or brick dust). Every bit is 100% plant food and when applied in solution it is immediately absorbed by the plant roots. No waiting for weeks to obtain growth or color. RA-PID-GRO gets results in an amazingly short time. Prices of RA-PID-GRO, 1 lb., $1.25; 2 lbs., $2.35; 5 lbs., $4.50.

Rose Food G & O. An organic, no filler, 100% plant food of dried blood, fish scrap, bone meal, potash, cottonseed meal and phosphate. This is a special mixture for growing roses and is a balanced, all purpose fertilizer which can be used on all flowers, shrubbery, etc. 5 lbs., 85c; 10 lbs., $1.45; 25 lbs., $3.25; 80 lbs., $8.35 each.

Sulphate of Potash. 5 lbs., 90c; 10 lbs., $1.60; 25 lbs., $3.50.

Super Phosphate. 18%-20% available. Used on grain crops and others requiring an excessive amount of phosphoric acid. Prices, 5 lbs., 70c; 25 lbs., $2.35; 50 lbs., $4.50; 100 lbs., $5.00; 500 lbs., $18.00.

We prepay fertilizer orders within 25 miles of New York City where orders amount to $10.00 or over. No C.O.D.s

PHLOX

Our Phlox are strong one-year-old plants with a fine bunch of uncut strong, healthy roots. They are much better than divided old clumps.

Africa. 2-2½'. Midseason. Dazzling, deep scarlet. **Plants,** 3 for $1.60; 10 for $4.85.

Border Queen. 1½-2'. Early. Huge compact trusses of pure pink. **Plants,** 3 for $1.60; 10 for $4.85.

Charles Curtis. 2½-3'. Midseason. Beautiful sunset red. **Plants,** 3 for $1.60; 10 for $4.85.

Daily Sketch. Early. Salmon pink. Crimson eye. **Plants,** 3 for $1.60; 10 for $4.85

Europe. 3-3½'. Early. Pure white with red eye. **Plants,** 3 for $1.60; 10 for $4.85.

Flash. 3-3½'. Midseason. Flashy crimson red. **Plants,** 3 for $1.60; 10 for $4.85

Geo. Stipp. 3-3½'. Midseason. Salmon with shaded lighter eye. **Plants,** 3 for $1.60; 10 for $4.85.

Harvest Fire. 2-2½'. Late. Large, fiery orange. **Plants,** 3 for $1.60; 10 for $4.85.

Leo Schlageter. 2½-3'. Early. Brilliant scarlet with orange cast. **Plants,** 3 for $1.60; 10 for $4.85.

Lilian. 1½-2'. Early. Best salmon pink. Continuous bloomer. **Plants,** 3 for $1.60; 10 for $4.85.

Marie Louise. 2-2½'. Midseason. The best large pure white. **Plants,** 3 for $1.60; 10 for $4.85.

Mrs. E. Pritchard. 2½-3'. Midseason. An exquisite blue. **Plants,** 3 for $1.60; 10 for $4.85.

Prime Minister. 2½-3'. Late. White with crimson eye. **Plants,** 3 for $1.60; 10 for $4.85.

PHLOX—Recent Introductions

Blue Boy. Dark blue. 3 for $1.95; 10 for $6.00.

Brigadier (New). Carmine red. Pink shading. Red eye. 3 for $1.95; 10 for $6.00.

Elizabeth Arden (New). Soft pink, low, compact growing. 3 for $1.95; 10 for $6.00.

Rembrandt. Best pure white. 3 for $1.95; 10 for $6.00.

San Antonio. Dark blood red. 3 for $1.95; 10 for $6.00.

Sir John Falstaff (New). Giant salmon pink. Strong grower. 3 for $1.95; 10 for $6.00.

STOKESIA (Stokes Aster). Cyanea. 18", July-Oct. Large lavender flowers. **Plants,** 3 for $1.60; 10 for $4.85.

TRITOMA (Red Hot Poker). Pfitzeri. 2½-3'. Aug.-Oct. Orange scarlet. **Plants,** 3 for $1.60; 10 for $4.85.

VINCA (Hardy Myrtle). Minor. 3", May-June. Popular creeper and ground cover. **Plants,** 3 for $1.40; 10 for $4.25.

Minor Bowles. 3". May-June. A rare blue flowered form. **Plants,** 3 for $1.60; 10 for $4.85.

VIOLET. Royal Robe. 6-8". All summer. Large deep violet blue. Very fragrant. **Plants,** 3 for $1.60; 10 for $4.85.

White Wonder. 6-8". All summer. Large single white with blue and yellow tinting. Fragrant. **Plants,** 3 for $1.60; 10 for $4.85.

BETTER HOMES & GARDENS GARDEN BOOK. Edited By Fleeta Brownell Woodroffe. Now, you can get down-to-earth on all phases of gardening, landscaping, and lawn care, from Better Homes & Gardens editors. You'll see how to use every square foot of space for beauty and privacy, how to grow beautiful flowers, prize winning fruits and vegetables, how to make your lawn velvety green. Everything in this new Garden Book is clearly explained in pictures and everyday language.

Lavishly illustrated in full color. 520 pages, 1,500 photos, charts, drawings. Chapters tab indexed for quick reference. Convenient loose-leaf ring binder. A new idea in garden books. $3.95.

Fertilizers and Insecticides

FERTILIZERS (F.O.B. Western Springs, Ill.)

Fertilizer prices include delivery within 25 miles of Chicago on 25, 50, and 100 lb. lots. On larger quantities than 100 lbs. the customer pays all freight or express charges.

Postpaid prices on 5-10 lb. Pkgs. up to 300 miles, add additional postage beyond Third Zone.

LONG-LASTING PLANT FOOD RICH IN ORGANICS

GROGANIC. Research has proved that plants respond to food elements which are found in both mineral and organic forms. Those derived from minerals are effective quickly, and in soil temperatures too low for bacterial activity. Organics become available to plants more slowly, and require warm soil and bacteria to release their food content completely.

By combining mineral and organic elements, long-lasting nutriment can be provided. Groganic contains no filler whatever. Bulk is provided by dried blood, fish scrap, castor pomace and vegetable meal, all relatively expensive, which break down slowly.

The analysis of Groganic is 6% nitrogen, 11% phosphorus, 6% potash. An application of 15 lbs. per 1,000 square feet will provide continuous feeding effective in 10 days and lasting 300 days. 5 lbs., 95c; postapid, $1.35; 10 lbs., $1.45; postpaid, $1.95; 25 lbs., $3.25; 80 lbs., $7.65.

VAUGHAN'S 100% ORGANIC (5-4-0). A semi-granular high analysis activated sludge, testing from 5.0% to 5.5% organic nitrogen and from 4.0% to 6.5% phosphate. Being all organic it is a safe, long lasting fertilizer that will not burn at any season of the year.

It has long been a "must" for home lawns and gardens. It has the ability to aid in the development of a deeper root system and builds beautiful turf.

50 lbs.—$2.50; 80 lbs.—$3.50

G & O ROSE FOOD. 7-8-5. A high organic 100% no filler food of Dried Blood, Fish Scrap, Bone Meal, Potash, Cotton Seed Meal and powdered Tobacco (as aid in wire worm control) and well cured neutral Super Phosphate. Can be used on all garden plants. 5 lb. bag, 95c; postpaid $1.35; 10 lbs., $1.45; postpaid $1.95; 25 lbs., $3.25; 80 lbs., $8.35.

G & O BULB FOOD. Dahlias, "Glads," Tulips, Lilies, Peonies and all bulb plants need an ABUNDANCE OF POTASH. This prize-winning food (American Dahlia Society) is 5% Nitrogen, 6% Phosphorus and 15% of POTASH (the highest available). 5 lb. bag, 95c; postpaid $1.35; 10 lbs., $1.45; postpaid $1.95; 25 lbs., $3.25; 80 lbs., $8.35.

PEAT MOSS (Imported German) — Granulated A moisture retaining humus, an important aid in saving soil fertility. Invaluable in making a new lawn. Garden size Bag about 25 lbs., $3.25; bale about 100 lbs., $6.75.

BONE MEAL. This is a special brand we have put up for our trade. It is ground fine, hence acts quickly. Our Bone Meal has been slightly steamed to soften it and is thus quicker in its action. Analysis: Nitrogen 2 percent, total phosphoric acid, 22 percent. 5 lbs., 85c, postpaid, $1.15; 10 lbs., $1.45 postpaid $1.95; 25 lbs., $3.25; 100 lbs., $7.85; 500 lbs., $30.00

GARDEN CYANAMID is a "Jekyll and Hyde" chemical. When first applied to the soil, changes begin during which Cyanamid is poisonous to seeds. In 21 days with soil temperatures above 50 degrees, a transformation into safe plant nutrients is completed. Full instructions come with it. 25 pounds will treat 500 sq. ft. $3.75; 50 lbs., treats 1,000 sq. ft. $6.50.

VAUGHAN'S NEW ROSE AND PLANT DUST OR SPRAY

S-276 Recommended for control of black spot, powdery mildew and many other plant diseases, also red spider, mites, as well as many types of insects. Made up of a combination of the latest and most effective ingredients such as Captan, Karathane, Malathion, and DDT. A combination insecticide and fungicide. 8 oz. pump gun. 8 oz. applicator, $1.25; postpaid $1.40; 1 lb., $1.50; postpaid $1.75.

CHEMICAL WEED KILLERS

VAUGHAN'S NEW CRAB GRASS KILLER (SODAR) IS BEST OF ALL AND COSTS LESS

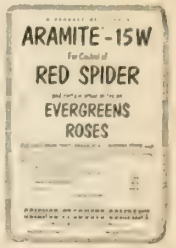
S-449 Researchers were surprised last summer by the effective way in which a chemical new to the weed killing group removed crab grass and chick weed from test plots without the slightest injury to the turf grasses. Not only did it do a better job than those previously used, but it was far more economical and easier for an amateur to apply. We think so highly of this discovery that we offer it under our own name, as Vaughan's Crab Grass Killer. The chemical which performs so well is Di Sodium Methyl Arsonate. It can be applied early or late in the season, on young plants or those about to seed. A sprinkling can works well on small lawns, and pressure sprayers on larger areas. One treatment kills young plants, mature plants may need two. 4 ounce, treats 1,000 sq. ft., $1.25; postpaid $1.35; 1 pound, treats 4,000 sq. ft., $3.50; postpaid $3.75; 5 lbs., treats 20,000 sq. ft., $16.25, postpaid $16.75; 30 lbs., treats 120,000 sq. ft., $82.50, by express collect.

VAUGHAN'S LAWN WEED KILLER LOW VOLATILE ESTER TYPE

S-448 Of all the weed killing chemicals, the original discovery, 2,4D, is the most dependable. It does its work with rarely a failure, clearing your lawn of broad leaved weeds, and keeping your grounds free of almost all unwanted plant growths. Vaughan's Lawn Weed Killer contains 2,4D plus 2,4,5T which makes it fatal to woody plants as well as weeds. Poison oak, poison ivy, cherry, honeysuckle and others are easily exterminated. 8 oz., covers 1,500 sq. ft., $1.00; postpaid $1.15; quart, covers 5,000 sq. ft., $2.75; postpaid $3.00.

246 AGRI-MYCIN 100 ANTIBIOTIC PLANT SPRAY. The first successful control for many plant diseases and blights. Cleans out infection from within. Works fast because it is absorbed through the cell walls, combats infection inside of plant tissues. Isn't washed off with the first rain. Price, jar of 2.4 oz. each $2.50 postpaid $2.70; per jar of 9.34 oz. $9.00; postpaid $9.35.

S-102 ACME 6% CHLORDANE DUST. For dusting in gardens and on lawns to control ants, cut worms, chiggers, wire worms, etc. Price per 1 lb. sifter top carton, each 65c; postpaid 85c; 4 lb. bag, $1.65; postpaid $2.00.



NEW RED SPIDER REMEDY

S-118 ARAMITE. Extensive tests by experimental stations show this to be the best control for these pests. 4 oz. $1.00, postpaid $1.15, 12 oz. $2.00, postpaid $2.20, 4 lbs. $4.25, postpaid $4.65.

S-381 ACME DIELDRIN "18" (LIQUID). Sensational control of lawn insects as ants, chiggers, sod webworm, and others in lawns. In flower gardening for cutworms, wireworms, slugs, root maggots and others. 8 oz. bottle, each $1.35; postpaid $1.55; 1 qt. bottle, each $3.75; postpaid $4.10.

Insecticides and Fungicides—Continued

S-155 ACME 5% DDT DUST. 1 lb., 50c; prepaid, 70c; 4 lbs., $1.30, postpaid, $1.65.

S-298 SCALECIDE. An oil preparation for San Jose scale. Qt., $1.25; postpaid $1.50; gal., $3.00; postpaid $3.65; 5 gallons, $11.50 via express collect.

Special Chemical Aids

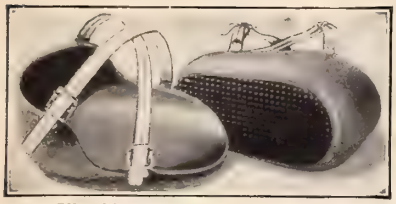
ROOTONE WITH FUNGICIDE

S-287 A hormone powder easy to use, which stimulates root development. No skill is needed to apply, just dip and plant. Newly added fungicide controls damping off and other soil-borne diseases.
Price, ¼ oz. pkg., 25c; 2 oz. jar enough to treat 3,000 cuttings, $1.00; 1 lb. jar will treat up to 30,000 cuttings, $5.00.

S-327 TRANSPLANTONE. For treatment of transplants of all kinds it contains the root forming hormones and Vitamin B-1. ½ oz., 25c, 3 oz., $1.00; lb., $4.00.

S-425 FLORALIFE KEEPS CUT FLOWERS LONGER. Just stir patented Floralife into vase of water. More than doubles life of florist or home grown bouquets. Maintains color and fragrance. Acts like magic. Floralife also stimulates; makes buds open wide and expands size of blossoms. No need to change water or re-clip stems. Fully guaranteed. 3 packets (each packet treats two quarts water) 25c, postpaid 40c . . . . 30 qt. economy Handy-Home box, $1.00; postpaid $1.20; 100 qt. size big drum, $3.00; postpaid, $3.25.

KNEE PADS



S-1117 All rubber cushion pads constructed of solid and sponge rubber with adjustable straps; fit any knee, will not slip down. Price, $2.25, postpaid, $2.45.

ROSS ROOT-FEEDER

S-794 Irrigates and feeds at the same time with 12 nutrient cartridges complete, $5.45, postpaid $5.75. Extra cartridges, package of 12, $1.00; postpaid $1.15.

S-797 Acid Cartridge

S-798 Nutrient Cartridge **S-795** Rose Cartridge
S-796 Starter Cartridge

SUDBURY SOIL TEST KITS

Made by the maker of professional field test kits. Tests for nitrogen, phosphorus, potash and acidity. It will make at least three separate tests for each element. No technical skill required. Results of tests are apparent immediately. **S-809** The Sudbury Home Gardener's Soil Test Kit, complete with instructions. $2.98; postpaid, $3.20.

Testing Fluid for Refill—Specify whether for nitrogen, phosphorus, potash, or acidity. When ordering the above, it requires **S-788** No. 2 and **S-789** No. 3 to make Nitrogen Tests. **S-790** No. 4 and **S-791** No. 5 for Phosphorus Tests and **S-792** No. 6 and **S-793** No. 7 to make Potash Tests, therefore when ordering, please order two numbers. **S-787** Lime; 2 oz. bottle, each $1.35, postpaid $1.50; 6 oz. bottle, each $2.50; postpaid $2.70.

S-810 NEW CLUB MODEL KIT. An advanced amateur will find this larger kit valuable. It contains material for many accurate tests, $5.89; Postpaid $6.20.

S-808 HORTICULTURAL TEST KIT. It contains material sufficient to make 60 individual tests, together with complete instructions and table of plant needs. Sudbury Horticultural Soil Test Kit, $14.95. Via express collect.

Supplies for Fall and Winter

Yes, Lawns Need Cultivating with Tool Like This

S-1069 VAUGHAN'S LAWNOVATER. The idea of cultivating a lawn may be new to you. Turf research experts say lawns need cultivation as much as gardens, sometimes more. You use different tools and techniques, because you cannot just stir the soil between grass plants. You can break up compaction, and let air, water and plant food through the crust which forms on heavy soils, especially where there is traffic. Lawnovator is a tool especially designed to do this job. Use it after seeding bare spots and thin stands, around trees and shrubs, and after sowing for new lawns. The spiked disks open holes in the soil crust, without tearing the turf. It is a sturdy tool, with a heavily reinforced cast frame, and cadmium plated hard steel disks and shaft. Each, $4.95, postpaid $5.40.

S-114 ANTROL AFRICAN VIOLET AND HOUSE PLANT INSECT BOMB. Made specifically for AFRICAN VIOLETS and other house plants such as IVY, etc. Always ready—No Mixing—No Pouring—No Sprayer To Buy. 6 oz. size, ea. 89c; postpaid $1.00.

Model FS 21. GARDEN CRAFT FEEDING STATION

This is one of the most successful and appreciated bird feeders. It is equipped with a spindle for mounting, and the double weather vane keeps the sheltered end headed into the wind, thus keeping the food dry in rainy or snowy weather.

Size 24 x 12 x 12. Shipping weight 16 lbs.

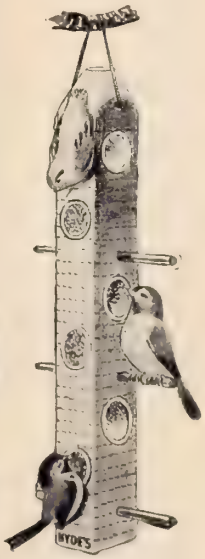
S-1711 Stained brown with wood back. . . . $ 9.30
S-1712 Stained brown with glass back. 12.45
S-1710 WOOD ERECTION POST (8 ft.) bored for mounting rod. 3.35
Above sent via express collect.

COMMUNITY DINER. Aerial Picnic Grounds for clinging and perching birds.

S-1715 No. CDD filled, each, $2.10; postpaid, $2.35.

S-1714 No. CDE filled with 24 extra tid bits each, $3.10; postpaid, $3.30.

S-1713 CT24, refill of 24 tid bits, each, $1.35; postpaid, $1.50.

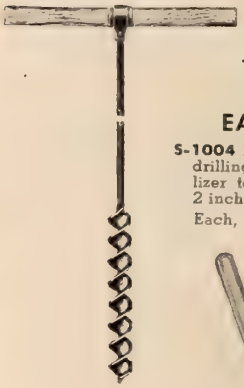


PLASTIC BIRD FEEDER WILL DELIGHT FEATHERED FRIENDS

S-1725 PLASTIC BIRD FEEDER. When this colorful bird restaurant opens for business in a tree near your window the news will spread rapidly among the Cardinals, finches, rose-breasted Grosbeaks, and all the other winter residents of the woods. The entire menu is visible in the transparent plastic seed bin, and customers are assured clean comfort on the open perches. Convenient refilling through sliding door in roof. Comes in mottled green, brown or red. Each $1.25; postpaid $1.50.

HOLE-IN-ONE BULB AND PLANT SETTER

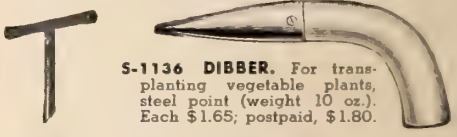
S-1068 Make a hole in one operation. Simply cut the tool into the soil, remove it with a twisting motion, and with the tool comes a plug of soil, leaving a perfectly flat bottomed hole. Small, hand tool for cultivated soil. Each, 95c; postpaid, $1.15.



GREENLEE EARTH AUGER

S-1004 Especially adaptable for drilling holes for feeding fertilizer to trees and Evergreens. 2 inch diameter, length 40 in.
Each, $6.25. Postpaid $6.50

S-1050 QUICKIE PLANTER. Made of heavy gauge steel with a hardwood handle, overall length 40 inches. It is a tapered cylinder designed to permit automatic ejection of earth; the cutting edge for easy digging, a heavy foot bar flange for comfortable operation. Takes the backache out of planting. Each $1.98; postpaid $2.35

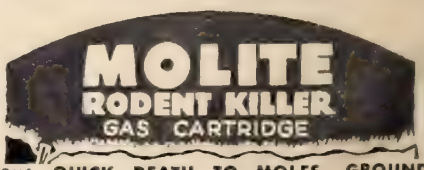


S-1136 DIBBER. For transplanting vegetable plants, steel point (weight 10 oz.). Each $1.65; postpaid, $1.80.

THE JIFFY PLANTING TOOL

S-1049 THE JIFFY PLANTER, which one can use in a standing position, is a sturdy practical addition to one's garden tools. Built to give a lifetime of service.

It is made of strong durable steel with a tubular steel "T" handle. It easily cuts a cylindrical hole up to ten inches deep depending on the pressure put on the angle foot bar. A slight twist and the tool draws out the soil leaving an ideal hole for setting of bulbs and plants, and automatically pushes the soil from the cylinder with each succeeding insertion. Bulbs and plants can be planted to correct and uniform depth without leaving air spaces as so often happens when a trowel is used. Each $3.00; weight 5 lbs.; postpaid $3.35.



S-286 QUICK DEATH TO MOLES, GROUND SQUIRRELS, RATS. Woodchucks and many other destructive burrowing animals. Easy and safe to use—simply light fuse and insert cartridge into holes and runways. TOXIC GASES kill rodents by suffocation and poisoning. Use 1 cartridge every 10 to 15 feet.

Postpaid Prices: 6 Molites $1; 12 for $1.75

Flower Seeds for Fall Sowing

When you sow seeds of annuals in Fall, you imitate Nature's method.

The ideal time is just before the ground freezes for the winter. November 15th is early enough in normal seasons in the vicinity of Chicago and New York. If the ground has been prepared in advance, sowings can also be made during winter thaws.

A fine seed bed is desirable, if the sides are protected with boards it will save the seed from washing away. A light covering may be used if birds are troublesome. Plant at half the depth used when sowing seed in spring. Broadcast all small seed.

★Varieties preceded by star are especially recommended for sowing in the fall above your bulbs. They will grow in the spring and blossom after the bulbs. Their shallow roots will not interfere with the bulbs maturing properly; their growth will conceal the bulb foliage after it grows yellow and unsightly.

DELPHINIUM Pacific Giant Round Table Series

Perennial Delphinium

PACIFIC GIANT HYBRIDS

This strain produces plants that are 60 to 65 percent mildew resistant. The flowers are of immense size, tightly set on straight stems that are strong and whippy. The flowers do not shatter.

7535 ASTOLAT. Varying tints of blush pink, true pink and mulberry pink, all with dark bees. Pkt., 75c.

7559B BLUE BIRD. A clear medium blue with white bee.

7563 BLACK KNIGHT. Dark violet shades.

7559A BLUE JAY. From medium to dark blue with dark bee.

7563A CAMELIARD SERIES. A pure lavender self with white bee.

7560 GALAHAD. Clear white.

7561 KING ARTHUR. Royal violet, large white bee.

7561A GUINEVERE. Light pink lavender with white bee.

7565 PERCIVAL. Glistening white flowers with strongly contrasting black bees.

7562 SUMMER SKIES. Light blue with white bee.

7559 ROUND TABLE SERIES. As the name implies this represents all of the color combinations of the above Knights and their Ladies.

Each of the above, except as noted, Pkt., 50c; 2 pkts., for 90c.

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255 ★ALYSSUM VAUGHAN'S LITTLE GEM. Snow-white carpet plant. Pkt., 15c; ¼ oz. 55c.

265 ★ALYSSUM ROYAL CARPET. 4 in. A rich violet-purple companion to Vaughan's Little Gem. Compact spreading habit, remarkably uniform in color and growth. Pkt., 25c.

425 ANTIRRHINUM (Snapdragon) **VAUGHAN'S SPECIAL MIXTURE.** Includes all the Rust Resistant varieties listed in our Spring Gardening Illustrated, as well as others bought especially for it, providing a never ending color feast of long stemmed flowers. ⅛ oz., 90c; Pkt., 20c.

1287 ★CANDYTUFT. Mixed all colors. Especially recommended for late Fall sowing in Tulip beds for Summer flowering. Pkt., 15c; ¼ oz., 30c.

★Bachelor's Button — Cornflower

(Centaurea Cyanus Double)

1506 BLUE BOY. Corn-flower blue.

1507 PINKIE. Lovely true pink.

1508 RED BOY. Deep glowing red.

1515 ROSIE. Rich rose with a salmon overcast. Pkt., 25c.

1509 SNOWMAN. Pure white.

Each of above, except as noted. Pkt., 15c.

1522 VAUGHAN'S SPECIAL SUPER DOUBLE MIXED. Pkt., 15c; ¼ oz., 30c; ½ oz., 50c.

1966 COSMOS SENSATION SPECIAL MIXED. Giant early strain. Pkt., 25c.

2015 CYNOGLOSSUM BLUE BIRD (Chinese Forget-Me-Not) 18 to 24 in. Large sprays of brilliant blue Forget-Me-Not like flowers. Easily grown with a long season of bloom. Pkt., 15c; ⅛ oz., 30c.

2247 DIANTHUS BRILLIANT. Large individual florets in rich colors of crimson, cerise, pink and white, many with dark eyes. Free flowering, excellent stem length for cutting; a bright interesting display of color. Pkt., 25c.

Larkspur Prefers Fall Sowing

We have selected the six best colors listed below, based on the demands of the Home Gardener. All are the popular base branching type, which produce sturdy plants sending up from the base many flowering spikes each a tall strong, spire of beauty, the perfect cutting strain. The colors are new, distinct, the florets fully double closely placed on the stem.

2121 REGAL PINK. Brilliant pink on salmon, a new distinct shade.

2128 ROSE SUPREME. Deeper rose than any other.

2127 LILAC SUPREME. Clear, pale lilac, free from pink.

2130 WHITE SUPREME. Pure white without suggestion of pink.

2132 PINK SUPREME. Deep rose pink, lovely under lights.

2131 DARK BLUE SUPREME. Deep violet purple.

Each of the above, pkt., 15c; any 4 pkts., 50c.

2133 SUPREME MIXED. A blend of all the above with additional colors not yet introduced. ¼ oz., 75c; Pkt., 25c.

POPPY NUDICAULE (Iceland)

Hardy perennials, they will bloom the first year from fall sown seed.

8296 YELLOW EMPEROR. A true Nudicaule of a clear lemon yellow. Flowers 3½ inches on 18 in. stems from low-growing, bushy plants, very uniform. Five to eight flowers per plant continually for a month or better, early in the summer. Pkt., 25c.

8275 VAUGHAN'S SPECIAL MIXTURE (Iceland). A formula blend containing all the newer as well as more popular sorts. Pkt., 25c.

PANSY Vaughan's Super Swiss Giant Mixture

Pansies, Giant Swiss

3892 ALPENGLOW. Rich wine-red shades. Pkt., 35c.

3891 BLUE. Deep blue flower with blue-black blotches. Pkt., 35c.

3820 CORONATION GOLD. The largest pure gold self. Pkt., 35c.

3900 PURE WHITE. Pkt., 35c.

3901 RASPBERRY ROSE. A lovely tint of pink best described as Raspberry Rose. It has a suggestion of a lighter tone on the edges of the petals and is marked with a velvety blotch in a deeper tone. Pkt., 35c.

3894 VAUGHAN'S SUPER SWISS GIANT MIXTURE. 1/16 oz., $1.75; ⅛ oz., $3.00; pkt., 35c.

SPECIAL MIXTURES

3794 VAUGHAN'S SUPER MAPLE LEAF GIANT MIXTURE (Canadian Giants). The leaves are of giant size and flowers up to 4 inches across, of wonderful substance and fine form. Many charming colors. 1/16 oz., $1.75; ⅛ oz., $3.00; pkt., 35c.

3875 VAUGHAN'S GIANT MIXTURE. This mixture contains all the self-colors, such as white, yellow, blue, purple, red, bronze, etc. All the flowers are of the Giant type and of good shape and texture. ⅛ oz., $1.75; pkt., 25c.

4370 ★POPPY VAUGHAN'S SPECIAL SHIRLEY MIXED. 2 ft. Lovely and dainty tints, many edged and blended with other colors. Pkt., 15c; ¼ oz., 40c

Petunias

In dry season or wet, the Petunia is the most adaptable, long flowering and colorful of Garden Annual. Plant seed just before ground freezes in late Fall and have early bloom next Spring.

4017 CELESTIAL ROSE. Improvement on Rose of Heaven. More compact in growth and deeper in color. A beautiful rich satiny rose with white throat. Pkt., 25c.

4020 SNOWBALL IMPROVED. Finest white in the dwarf, small flowered class. Flowers are relatively large and cover the compact plants. Pure white, satin texture. Pkt., 25c.

4025 PETUNIA VAUGHAN'S SPECIAL MIXTURE OF DWARF SMALL FLOWERING VARIETIES. Will be a revelation to those who plant a packet, in furnishing an unending supply of flowers in a most bewildering combination of colors. Pkt., 25c; 1/16 oz., 75c; ⅛ oz., $1.25.

Violas

8582 SUPER LARGE FLOWERING SCOTCH. Preferred by specialists, Scotch Violas are much larger than Jersey Gem type, all two-toned in lovely clear colors without blotches. In continuous bloom under good culture; sturdy compact growth, outstanding bedding material. Pkt., 25c.

8585 GEORGIA PEACH. Bright new shades of delicately peach colored, large blooms, slightly ruffled on the edges. Plants are uniformly compact and well formed. A gay color which should prove of interest to all. Pkt., 25c.

Grow These House Plants from Seed

Cultural Instructions Sent with Every Order.

BEGONIA Type of Pink Pearl and Red Pearl.

BEGONIAS

The flowers are of brilliant colors and borne in great profusion from summer to autumn. Seedlings of summer and early fall make decorative winter house plants.

1066 PINK PEARL. Of dwarf compact habit, 6 to 8 in. high. The plants form perfect balls and the flowers are borne well above the bright green foliage. Pkt., $1.00.

1067 RED PEARL. Identical to the above in type and blooming habit. Color a brilliant dark scarlet. Pkt., $1.00.

1073 SNOWBANK. Large flowers of purest white, freely produced on plants that are compact and uniform in growth. Clear green foliage. Pkt., 50c.

1091 DWARF MIXED. Our own special blend of the most popular varieties. Includes red, rose and white. Dwarf, compact plants, particularly suited to inside growing. Pkt., 35c.

See Vaughan's Spring Retail Catalog for complete list of seeds of House Plants. Mailed free on request.

AFRICAN VIOLETS

4588 BLUE FAIRY TALE. Extra large flowers in rich blue shades with bright yellow eye. Very free flowering. Strong bushy plants with foliage of rich dark green will measure 12 to 14 inches across with good culture in 10 to 12 months. Pkt., 50c.

4589 NEW HYBRIDS. Flowers are varied shades of blue, lilac and pink; the plants dwarf, bushy and compact with leaves of dark green. Pkt., 50c.

IMPATIENS

IMPATIENS

One of the best for pot culture and planting in a shaded situation. Remarkable for duration of bloom. Excellent greenhouse plant. Seed germinates in 15 days.

2880 TALL VARIETIES CHOICE MIXED. Includes lilac, carmine, salmon pink and scarlet shades. Pkt., 25c.

2883 DWARF VARIETIES CHOICE MIXED. Grows only 6 inches tall, flowers continuously in many shades. Pkt., 50c.

2916 KALANCHOE, Yellow Darling. Pkt. 50c

KALANCHOE

2915 HYBRIDA BRILLIANT STAR. Showy window succulent, with attractive fleshy foliage and big trusses of vividly red bloossms. Pkt., 35c.

2916 YELLOW DARLING. Flowers of a strong lemon-yellow of outstanding brightness with shining green leaves. Plants are dwarf and compact. Pkt., 50c.

COLEUS

1855 VAUGHAN'S RAINBOW MIXTURE. 1-2 ft. The handsomest foliage plant obtained from seed. The leaves are very large and the color combinations are remarkably rich. Seeds germinate in 10 days. Pkt., 35c.

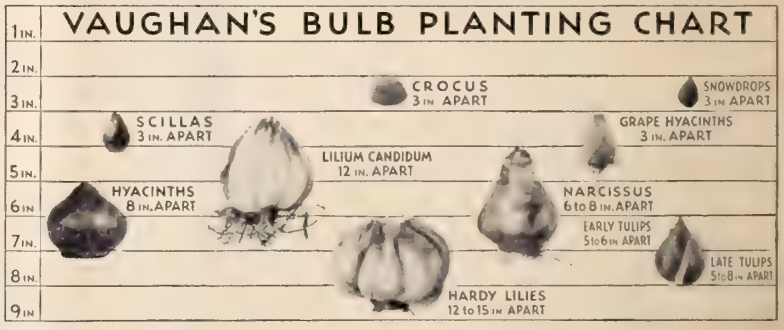
STREPTOCARPUS

(CAPE PRIMROSE)

4993 WIESMOOR HYBRIDS. The flowers are well fringed and crested, very large, 4 to 5 inches across. The leaves are small while the color range is most complete, shades of pink, deepest red, blue shades and white with dark blotches. Free flowering. Long wiry stems. An excellent pot plant for winter blooming. Pkt., $1.00.

Pointers on Planting Fall Bulbs

Figures given in this table are minimums, and in some cases should be greater. See discussion in column headed "Pointers on Planting Fall Bulbs."



The first two months of spring, when garden beauty is most welcome, yet most rare, hardy bulbs supply the dominant flowers. And of all flowers, they offer the easiest, surest success.

Spring flowering bulbs prolong the garden season for a month at least; and in most sections they bloom at a time when all their surroundings are fresh and beautiful; when moisture is ample, weeds have not yet grown, and few if any insects bother them.

The greatest enemy of fall bulbs is poor drainage; they must be planted in locations where water drains away quickly, and if there is any doubt about this, beds should be raised above the surrounding surface sufficiently to insure it.

Bulbs will grow well in any reasonably good garden soil, but it should be well prepared to a depth of at least twelve inches. The depth of planting varies with the kind of bulb, but the depths shown on the accompanying planting chart are minimums, with deeper planting advisable in many cases.

When tulips are to be left for several years without lifting, bulbs should be placed 8 to 10 inches deep, where they will be cooler, will produce fewer "splits" and continue to maintain blooming size for long periods. Use no manure on bulbs unless it has been thoroughly rotted and can be spaded into the ground several weeks previous to planting. A balanced plant food applied to the soil at the rate of 5 lbs. to 100 square feet and spaded into the soil will benefit the bulbs.

The earlier bulbs blossom in the spring, the more important it is to plant them early in the fall, so they will have time to make root growth in their new location. Daffodils and hyacinths especially benefit from early planting.

After the soil has been prepared, bulbs may be planted with a trowel, or by the use of a blunt-end dibber. Avoid using a pointed dibber, or any device which will permit the bulb to be caught by the sides of the hole with air beneath it. The bulb should rest on the bottom with soil packed firmly around it.

What is known as the Dutch method is sometimes followed in planting beds. Soil is thrown out to the proper planting depth, bulbs are then placed where they are wanted and the soil filled in above them.

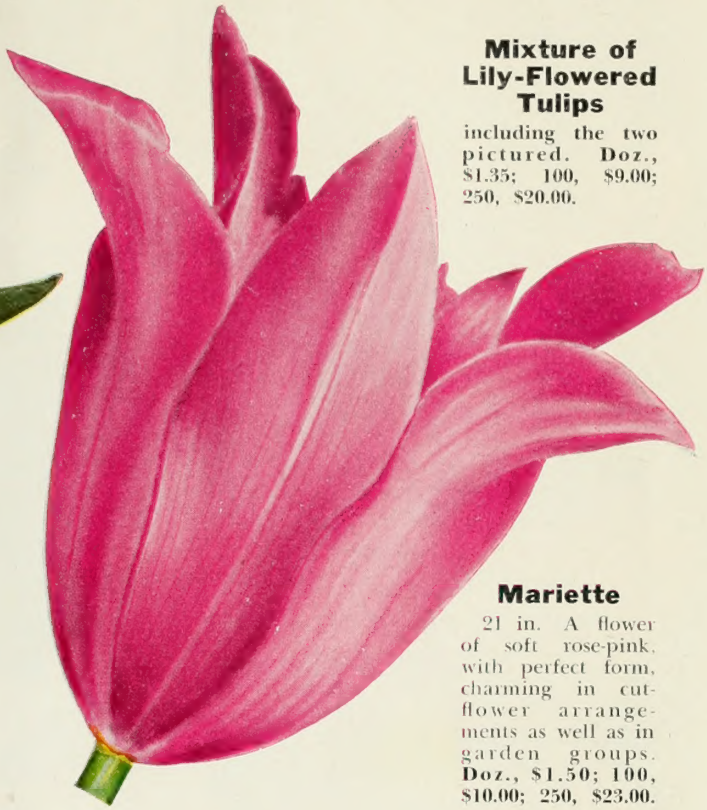
In case of necessity, however, fall bulbs can be planted as late as the ground can be worked. When late planting is necessary, cover the bed with a mulch of leaves after the ground has frozen. This will prevent winter thaws, and consequent frost heaving.

After bulbous plants have flowered, their leaves should not be cut or disturbed until they turn yellow, which indicates that the bulbs have ripened.

Lovely Lily-Flowered Tulips

White Triumphator

20 in. The largest Lily-flowered variety with pure white petals of glistening sheen. **Doz., $1.60; 100, $11.50; 250, $26.00.**



Mixture of Lily-Flowered Tulips

including the two pictured. **Doz., $1.35; 100, $9.00; 250, $20.00.**

Mariette

21 in. A flower of soft rose-pink, with perfect form, charming in cut-flower arrangements as well as in garden groups. **Doz., $1.50; 100, $10.00; 250, $23.00.**

Lily-flowered Tulips have slender, pointed petals which curve backward at their tips, resembling many Lilies. Some of the oldest Tulip varieties possessed this form, and have been crossed with Darwin and Cottage varieties to produce the modern group of graceful, decorative blossoms which flower at the same time as the Darwins. They are lovely in the garden, or as cut flowers.

ANEMONE BLANDA (Blue Beauty)

(Atrocaerulea)

In lightly shaded locations these hardy bulbs produce quantities of star-shaped flowers of rich violet-blue just after the Crocuses have bloomed. The fern-like foliage grows 3 inches tall, and the flowers open above it. They are well suited for rock gardens or planting in masses under trees. Plant in clumps, 3 inches deep and 2 inches apart. **Doz., $1.25; 100, $8.00; 250, $18.00.**

Anemone Blanda

First Spring Flowers

Crocus

CROCUS

(Size 9-10 ctm.)

Flowering soon after Snowdrops and before the Daffodils, Crocuses in groups or masses present a delightful picture. We offer 9-10 ctm. bulbs by color.

Blue and Purple. Doz., 50c; 100, $3.50; 1000, $30.00.

White. Doz., 60c; 100, $3.75; 1000, $34.00.

Striped. Doz., 50c; 100, $3.50; 1000, $30.00.

Yellow. Doz., 60c; 100, $3.50; 1000, $34.00.

Mixed Crocus. Doz., 50c; 100, $3.50; 1000, $30.00.

SCILLAS

Lovely blue Scillas flower soon after the Snowdrops, long before Violets. They seed themselves and spread in favorable soil.

SCILLA SIBIRICA (The Blue Squill). Bright blue, 4 inches tall. 8-9 ctm. **Doz., 65c; 100, $4.00; 1,000, $36.00.**

SCILLA, SPRING BEAUTY. Later than Sibirica but much superior, excelling in size and brilliance of blue color. **Doz., 85c; 100, $6.00; 1,000, $54.00.**

Scilla Sibirica

Daffodils, Whose Beauty Heralds Spring

12 DAFFODILS $2.50

Two each of the 6 varieties illustrated above
Double Nose, No. 1 Bulbs

24 bulbs (4 each of above) . . .	$ 4.75
96 bulbs (16 each of above) . . .	17.50

PINK DAFFODIL

SIAM. Experts rate this variety the best of the "pink Daffodils." Its trumpet is wide and flaring, colored soft apricot-pink, which deepens in tone as the flower matures. Its perianth is pure white. An outstanding novelty. **Double Nose, No. 1 bulbs, each 40c; doz., $4.25; 100, $30.00.**

Illustration on Opposite Page.

KING ALFRED. (Giant Trumpet.) Two feet tall with trumpet measuring 2½ inches in diameter, this deserves the title: "King of Yellow Daffodils." It has commanding posture and is one of the earliest major flowers to bloom in spring. **Double Nose, No. 1 bulbs, each 20c; doz., $2.00; 100, $15.00.**

MRS. E. H. KRELAGE. (Giant Trumpet.) Known deservedly as the "White King Alfred." A stately flower with perianth of pure white and trumpet of creamy yellow which changes to white. **Double Nose, No. 1 bulbs, each 25c; doz., $2.25; 100, $16.00.**

SCARLET ELEGANS. (Incomparabilis.) A vigorous plant, 14 inches tall, with a perianth of deep yellow and cup of fiery orange. Early. **Double Nose, No. 1 bulbs, each 20c; doz., $2.00; 100, $15.00.**

FRANCISCA DRAKE. (Incomparabilis.) The wide frilled cup of deep orange is in vivid contrast with the pure white perianth of which the petals measure 1½ inches in width. One of the best new varieties. **Double Nose, No. 1 bulbs, each 20c; doz., $1.85; 100, $13.00.**

INGLESCOMBE. (Double.) A fully double flower of symmetrical form, uniformly pale yellow. Medium early. **Double Nose, No. 1 bulbs, each 25c; doz., $2.25; 100, $16.00.**

CARBINEER. (Incomparabilis.) A fine variety of perfect form, with flat perianth of yellow and large cup of bright orange. **Double Nose, No. 1 bulbs, each 25c; doz., $2.25; 100 $16.00.**

DELIVERY

Except where specified otherwise, all orders for items listed in this cataolg which total $3.00 and over will be delivered prepaid. With orders for less than $3.00 add 35c for postage and handling.

Spring Herald Mixture of Daffodils 12 for $1.00

25 bulbs, $2.00; 100 bulbs, $7.50; 1000 bulbs, $65.00, all prepaid.

Daffodils bloom before any other major flower. Plant where you can see them from a window and they are visible to passersby, to herald the joyous news of spring's arrival. Our mixture contains many of the best named Trumpet, Leedsi, Barri and Poeticus varieties. Do not disturb the bulbs until they begin to crowd, when they can be lifted and replanted over a larger area.

TOP-SIZE DAFFODIL MIXTURE (Similar to above but larger bulbs). 12 bulbs, $1.50; 100 bulbs, $9.50; 1000 bulbs, $85.00, all prepaid.

Grow Amaryllis Flowers for Xmas

These large bulbs are not grown from seed, but from bulblets of superior plants, so they will exactly reproduce their parents. Only a limited number are available. They are treated to speed up flowering, and will bloom in late December or early January. Bulbs may be saved and flowered each winter for many years. We regard these Amaryllis to be one of the outstanding horticultural achievements since World War II ended.

Prepared bulbs for late December-early January flowering. Delivered about November 15. Orange, Red, Scarlet, Dark Red, Salmon Striped, or White, as you select. **Each, prepaid, $4.50.**

Regular bulbs flowering in February-March, delivery about December 15, your selection of Orange, Red, Scarlet, Dark Red, Salmon Striped, or White. **Each, prepaid, $3.00.**

Hyacinths Bring to Your Garden the Earliest Pink and Blue

HYACINTH, LA VICTOIRE

HYACINTH, LA VICTOIRE

Most brilliant red among the Hyacinths, this variety is especially effective where blue spring perennials and yellow Daffodils are grown. A group of La Victoire will add to the display the completing touch of red which will balance the color display. No other garden flower of this vivid coloring blossoms so early.

PATRIOTIC BORDER COLLECTIONS OF BEDDING HYACINTHS

For planting in a balanced color arrangement.

24 bedding size bulbs, 8 each red, white and blue, separately bagged and labeled, $3.50, prepaid.

48 bulbs, 16 each red, white and blue, separately bagged and labeled, $6.75, prepaid.

Hyacinths contribute to the spring garden fragrance as well as colors which at that time no other flowers can give so well.

They serve to border paths, near all garden architecture, including ornaments such as bird baths, pools and fountains, and groups of Hyacinths may well be worked into the border planting, where they will provide a needed color foil or accent.

For garden planting, it is not necessary to use the largest forcing sizes. Bulbs of third and bedding sizes will do well. Take especial care to plant them in well-drained soil, and if there is any doubt, elevate the bed a few inches to keep them above water. Plant bulbs 6 inches deep; after the ground has frozen a light mulch to keep the frost in will benefit.

RED and ROSE

GERTRUDE. Rose-pink. Midseason.
JAN BOS. Scarlet early.
LA VICTOIRE. Brilliant red. Early.
PINK PEARL. Rosy pink. Early.
QUEEN OF PINKS. Rose-pink, choice. Late.

WHITE

CARNEGIE. Pure white, best late.
L'INNOCENCE. Pure white, best in pots indoors. Best early.

YELLOW

CITY OF HAARLEM. Golden yellow.

BLUE

BISMARCK. Lavender. Early.
GRAND MAITRE. Dark porcelain-blue. Midseason.
DELFT BLUE. Bright porcelain-blue, compact spike.
KING OF THE BLUES. Very dark blue. Late.
MYOSOTIS. Pale blue, long spike. Early.
QUEEN OF BLUES. Very light blue. Late.

Your selection of named varieties or all above mixed.

	3 for	Doz.	100
First Size (18-19 ctm.)	$0.90	$3.00	$24.00
Second Size (17-18 ctm.)	.80	2.75	20.00
Third Size (16-17 ctm.)	.70	2.50	17.00
Bedding Size (15-16 ctm.)	.60	2.25	14.00

HYACINTH, GRAND MAITRE

FOR INDOOR GARDENS
Novelty Hyacinth, Rosalie

This early flowering pink Hyacinth can be flowered indoors in pots by December 15. It can also be grown in the house in decorative containers filled with pebbles or peat moss and will flower as early as Roman Hyacinths, though the spikes of Rosalie are much larger and stronger. **Largest size bulbs (15 ctm.), each 30c; doz., $3.00; 100, $24.00.**